FEDERAL ITEM IDENTIFICATION GUIDE

LAMPS

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Commander

Defense Logistics Information Service

ATTN: DLIS-K

74 Washington Avenue North, Suite 7

Battle Creek, Michigan 49037-3084

(COMM) (269) 961-5779

(DSN) 661-5779

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

Index of Master Requirement Codes

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
LAMP, CARTRIDGE	24416	A

An item consisting of an unbased lamp, either incandescent or glow, mounted in a sleeve. It has projecting terminals and may also include a lens. For light emitting diodes which may or may not be mounted in a sleeve or a lamp base, see LIGHT EMITTING DIODE.

LAMP, CONCENTRATED ARC	39396	G

An item that produces a small, brilliant spot of light 0.005 to 0.110 inches (0.0002 to 0.0043 millimeters) in diameter, depending on wattage, by a low voltage arc between two non-vaporizing electrodes in an atmosphere of inert gas.

LAMP, FLASHTUBE	03314	B

A lamp that produces repeated light flashes of exceedingly high intensity for short durations. May include incandescent lamp within itself.

LAMP, FLUORESCENT	03891	C

An item which produces light due to an ionized gas activating a fluorescent coating.

LAMP, GLOW	05758	D

An item in which a gas is ionized to produce light energy of low persistence. It may include internal current limiting resistor.

LAMP, HOLLOW CATHODE	33287	D

A gas discharge lamp which emits radiation in the form of a cathode glow from a hollow cathode closed at one end. It is usually used in atomic absorbers spectrophotometers.

LAMP, INCANDESCENT	00727	E

An item whose principal purpose is to produce light from a glowing filament(s). It includes metal backed and reflecting types, seal beam and flood types. It may include an internal filament shield to control and/or modify its illumination pattern.

LAMP, LIGHT EMITTING DIODE	68257	G

An electric light that uses one or more arrays of light-emitting diodes (LEDs) as the source of light.

LAMP, MERCURY VAPOR	03879	G

An item which produces light by an electric arc between two electrodes in an ionized mercury vapor atmosphere.

Approved Item Name	INC	App Key
LAMP, METAL HALIDE	37331	G

An item in which the major portion of the light is produced by radiation of metal halides and their products of dissociation - possibly in combination with metallic vapors such as mercury. Includes clear and phosphor coated lamps. Excludes LAMP, MERCURY VAPOR.

LAMP, PHOTOFLASH	00527	H

An item which produces a single brilliant flash of light by igniting an illumination agent. See also LAMP UNIT, PHOTOFLASH.

LAMP, SODIUM	33518	G

An item which produces light by an electric arc between two electrodes in an ionized sodium vapor atmosphere.

LAMP UNIT, PHOTOFLASH	33412	J

An item which consists of two or more LAMP,PHOTOFLASH inclosed in a common housing.

LAMP, XENON	33519	G

An item which produces light by an electric arc between two electrodes in an ionized xenon gas atmosphere. See also LAMP, GLOW. Excludes LAMP, FLASHTUBE.

APPLICABILITY KEY INDEX

	A	B	C	D	E	G	H	J
NAME	X	X	X	X	X	X	X	X
CRPS	X	X	X	X	X	X	X	X
AFSC	AR	AR	AR	AR	AR	AR	AR	AR
TTQY		AR	AR	AR	AR	AR		
CRSK			X	X	X	X	X	X
ABHP			AR	AR	AR	AR	AR	AR
ADAV			AR	AR	AR	AR	AR	AR
CSJW			X	X	X	X	X	
AEVV			AR	AR	AR	AR	AR	
AFSA	X							
AFSD	AR							
AFSE	AR							
AFSB		X						
AFSF		AR						
AEWR								X
BLJC								X
CSMC		X			X	X	X	
CSRJ		AR			AR	AR	AR	
AGDV		X	X	X	X	X		
AFSH	X							
AFSP					AR			
CTGF	AR	X		X	AR			
AFSM	AR			X				
AFSQ	AR			X				
CTLD	AR			X				
BDWW	AR		X	X	X	X		
CTNB	AR			X				
AMSE	AR	X	X		X	X	X	X
CTQM	AR				X			
AFST	AR				X	X	X	X
ATZQ			X					
CTTJ	AR							
CWBF	X		X	X	X	X		
AFSV	AR		AR	AR	AR	AR		
CWGK					X	X		
AFSX					X			
AFSY					AR			
MATL	X							
CSKH	AR							
AEXD	AR							
AETN	AR							
AFTC		AR						
AFTD		AR						
ARQF			X					
CTZY							X	X
AFTH							AR	AR
AFTJ			AR		AR		AR	
AGDW		AR			AR	AR		

RADC	AR	AR	AR	AR	AR	AR	AR	AR
CBBL	AR	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR	AR
ENAC	AR	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR	AR
BGTB	AR	AR	AR	AR	AR	AR	AR	AR
BBRJ	AR	AR	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR	AR	AR
RADD	AR	AR	AR	AR	AR	AR	AR	AR
CBME	AR	AR	AR	AR	AR	AR	AR	AR
AFJN	AR	AR	AR	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR	AR	AR	AR

SECTION I

APP Key	MRC	Mode Code	Requirements

ALL

NAME D ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index of Approved Item Names. (e.g., NAMED00727*)

ALL

CRPS L BASE STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE BASE.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group A. (e.g., CRPSLA2E)*

For the purpose of this document, wire leads will be considered as a base.

NOTE FOR MRC TTQY: REPLY TO THIS MRC ONLY WHEN A BASE STYLE HAVING WIRE LEADS WITH TERMINALS IS GIVEN IN REPLY TO MRC CRPS.

B*, C*, D*, E*, G* (See Note Above)

TTQY J TERMINAL TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., TTQYJAAF2*; TTQYJACN2$$JAAF1*)

REPLY CODE	REPLY (AN89)
ACN	CONNECTOR, PLUG
AAF	CONNECTOR, RECEPTACLE
AAM	PIN
AFF	SOLDER LUG
AEK	SOLDERLESS LUG
	Terminal Lug (use Reply Code AFF or AEK)

APP Key	MRC	Mode Code	Requirements

C, D, E, G, H, J

CRSK L BULB STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE BULB.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group B. (e.g., CRSKLB1)*

C, D, E, G, H

CSJW A BULB DESIGNATOR

Definition: A DESIGNATION WHICH INDICATES THE SHAPE AND SIZE OF THE BULB.

Reply Instructions: Enter the applicable designator.

(e.g., CSJWAT-1 3/4*;

CSJWARP-11*;

CSJWAREC100X165*)

Bulb designations consist of a letter(s) indicating the shape and a number(s) indicating the approximate diameter in eighths of an inch, or metric dimensions representing the width and the length of the item.

C*, D*, E*, G*, H*

AEVV J BULB DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE BULB, AND TERMINATES AT THE CIRCUMFERENCE.

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEVVJAA1.010*; AEVVJLA28.0*; AEVVJAB1.000$$JAC1.020*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

A

AFSA L CARTRIDGE STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE CARTRIDGE.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group C. (e.g., AFSALC1)*

B

AFSB L FLASHTUBE STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE FLASHTUBE.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group D. (e.g., AFSBLD1)*

J

AEWR A LAMP QUANTITY

Definition: THE NUMBER OF LAMPS INCLUDED WITH THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AEWRA4*)

J

BLJC D IGNITION METHOD

Definition: THE MEANS USED FOR PURPOSES OF IGNITING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLJCDACC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC58)
ACC	ELECTRIC CURRENT
ACD	MECHANICAL STRIKER
ACE	PIEZO-ELECTRIC ELEMENT

B, E, G, H

CSMC D BULB LIGHT TRANSMISSION CHARACTERISTIC

Definition: AN INDICATION OF THE LIGHT TRANSMISSION CHARACTERISTIC OF THE BULB.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CSMCDAH*)

REPLY CODE	REPLY (AF93)
AH	TRANSLUCENT
AJ	TRANSPARENT

B*, E*, G*, H*

CSRJ D LIGHT INTENSITY DISTRIBUTION FEATURE

Definition: AN INDICATION OF THE LIGHT INTENSITY DISTRIBUTION FEATURE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., CSRJDAC; CSRJDAR$$DAK*)*

B, C, D, E, G

AGDV D EMITTED LIGHT CHARACTERISTIC

Definition: THE CHARACTERISTIC OF THE RADIANT ENERGY GENERATED BY THE LAMP WITHIN OR ADJACENT TO THE VISIBLE SPECTRUM OF LIGHT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AGDVDBL0000)*

A

AFSH D PRIMARY LAMP TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF LAMP WHICH IS AN INTEGRAL PART OF THE LAMP CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFSHDAF*)

REPLY CODE	REPLY (AD48)
AN	GLOW
AF	INCANDESCENT
CH	LIGHT EMITTING DIODE

NOTE FOR MRC AFSP: WHEN THE LAMP HAS A CARBON FILAMENT, OMIT THE REPLY TO THIS MRC AND ENTER REPLY CODE BFN FOR MRC CBBL.

E*, (See Note Above)

AFSP A FILAMENT DESIGNATION

Definition: A DESIGNATION OF THE FORM OF THE FILAMENT WIRE OR RIBBON AND THE ARRANGEMENT ON THE SUPPORTS.

Reply Instructions: Enter the designation as given in the source data.

(e.g., AFSPAS-6*;

AFSPAC-2F$AC-2V*;

AFSPAC-2R$$AC-8*)

NOTE FOR MRCS CTGF, AFSM, AFSQ, CTLD, BDWW, AND CTNB: FOR APPLICABILITY KEY A - REPLY TO THESE MRCS WHEN REPLY CODE AN IS GIVEN IN REPLY TO MRC AFSH.

A*, B, D, E* (See Note Above)

CTGF D FILLING GAS TYPE

Definition: INDICATES THE TYPE OF GAS WITH WHICH THE ITEM IS FILLED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CTGFDB*; CTGFDB$$DF*)

REPLY CODE	REPLY (AE50)
B	ARGON

APP Key	MRC	Mode Code	Requirements
		G	HALOGEN
		F	HELIUM
		D	NEON
		E	XENON

A*, D (See Note Preceding MRC CTGF)

AFSM D LIGHT INTENSITY LEVEL

Definition: THE LEVEL OF BRIGHTNESS OF THE LIGHT FLUX PRODUCED BY THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFSMDG*)

REPLY CODE	REPLY (AE25)
B	HIGH
N	NOT RATED
G	STANDARD

A*, D (See Note Preceding MRC CTGF)

AFSQ J CIRCUIT VOLTAGE RATING IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE, OF THE CIRCUIT IN WHICH THE ITEM IS DESIGNED TO BE USED, EXPRESSED IN VOLTS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFSQJA120.000*; AFSQJB115.000$$JC125.000*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AFSQKN*)

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

A*, D (See Note Preceding MRC CTGF)

CTLD J GAS STRIKING VOLTAGE RATING IN VOLTS AND CURRENT TYPE

APP Key	MRC	Mode Code	Requirements

Definition: THE RATED VALUE OF THE VOLTAGE, EXPRESSED IN VOLTS, THE TYPE OF CURRENT WHICH WILL CAUSE THE GAS WITHIN THE ITEM TO IONIZE AND BECOME ELECTRICALLY CHARGED.

Reply Instructions: Enter the applicable I/SAC from Appendix C , Table 3, followed by the Mode Code, and the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CTLD1YJACA60.0; CTLD1YJACB60.0$$JACC75.0*; CTLD1AJACA60.0* CTLD1BJDCA85.0*)*

Table 1

REPLY CODE	REPLY (AN87)
AC	AC
DC	DC

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

A*, C, D, E, G (See Note Preceding MRC CTGF)

BDWW J WATTAGE RATING

Definition: THE RATED POWER THAT AN ITEM CAN SAFELY CONSUME OR PROVIDE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDWWJAT100.000*; BDWWJAT50.000$$JAT100.000$$JAT150.000*)

REPLY CODE	REPLY (AB49)
BC	KILOWATTS
AT	WATTS

A*, D (See Note Preceding MRC CTGF)

CTNB J RESISTOR RATING AND LOCATION

Definition: THE VALUE AND LOCATION OF THE RESISTOR REQUIRED TO CONTROL THE CURRENT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CTNBJZZNTE100.000*)

Table 1

REPLY CODE	REPLY (AN86)
KZ	KILOHMS
ZZ	OHMS

Table 2

REPLY CODE	REPLY (AN73)
EXT	EXTERNAL (not supplied as an integral part)
NTE	INTERNAL (includes resistor in wire lead)

NOTE FOR MRCS AMSE, CTQM, AND AFST: FOR APPLICABILITY KEY A - IF REPLY CODE AF IS ENTERED FOR MRC AFSH, REPLY TO THESE MRCS.

A*, B, C, E, G, H, J (See Note Above)

AMSE J VOLTAGE RATING

Definition: THE VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSEJVA120.000*; AMSEJVB115.000$$JVC125.000*)

Apply the following instructions for recording replies:

1. Enter circuit voltage or design voltage whichever is given in the source data.

2. If both circuit voltage and design voltage are given enter the circuit voltage only.

Table 1

REPLY CODE	REPLY (AB36)
K	KILOVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

A*, E, (See Note Preceding MRC AMSE)

CTQM J CURRENT RATING FOR WHICH DESIGNED

Definition: THE AMOUNT OF CURRENT FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CTQMJAMA1.500*; CTQMJAMB1.495$$JAMC1.505*)

Current ratings not otherwise identified in the source data will be assumed to be design current.

Table 1

REPLY CODE	REPLY (AN86)
AM	AMPERES
LA	MILLIAMPERES

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

A*, E, G, H, J (See Note Preceding MRC AMSE)

AFST J LIGHT OUTPUT RATING

Definition: THE VALUE OF OUTPUT BRIGHTNESS FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable I/SAC from Appendix C , Table 4, followed by the mode code, the applicable Reply Codes from Tables 1 and 2 below, and the numeric value. (e.g., AFST1YJDA500.000; AFST1YJDB490.000$$JDC510.000*)*

For multiple replies, enter in ascending sequence. (e.g., AFST1AJDA500.000* AFST1BJDA1000.000*)

Table 1

REPLY CODE	REPLY (AE51)
M	BEAM CANDLEPOWER
G	CANDLEPOWER PER SQUARE MILLIMETER
N	END FOOTCANDLES
L	FOOTCANDLES
D	LUMENS
P	SPHERICAL CANDLEPOWER

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

C

ATZQ B LAMP LUMINOSITY IN LUMENS

Definition: THE MEASUREMENT OF LUMINOUS FLUX, FOR WHICH THE LAMP IS RATED, EXPRESSED IN LUMENS.

Reply Instructions: Enter the numeric value. (e.g., ATZQB500.0*)

NOTE FOR MRC CTTJ: IF REPLY CODE CH IS ENTERED FOR MRC AFSH, REPLY TO MRC CTTJ.

A* (See Note Above)

CTTJ J FORWARD VOLTAGE RATING IN VOLTS AND CURRENT TYPE

Definition: THE RATED VALUE OF THE FORWARD VOLTAGE, EXPRESSED IN VOLTS, AND THE CURRENT TYPE AT WHICH THE ITEM IS DESIGNED TO OPERATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CTTJJAC2.500*)

REPLY CODE	REPLY (AN87)
AC	AC
DC	DC

A, C, D, E, G

CWBF D RATED AVERAGE LIFE

Definition: A TERM DENOTING THE MEASUREMENT USED TO INDICATE THE AVERAGE LIFE OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CWBFDB*)

REPLY CODE	REPLY (AE52)
B	HOURS
D	INDEFINITE LONG
N	NOT RATED

NOTE FOR MRC AFSV: IF REPLY CODE B IS ENTERED FOR MRC CWBF, REPLY TO MRC AFSV.

A*, C*, D*, E*, G* (See Note Above)

AFSV B AVERAGE LIFE RATING IN HOURS

Definition: THE NUMERIC VALUE INDICATING THE AVERAGE LIFE EXPECTANCY FOR WHICH THE ITEM IS RATED, EXPRESSED IN HOURS.

Reply Instructions: Enter the numeric value. (e.g., AFSVB1200.0*; AFSVB1200.0$$B5000.0*)

E, G

CWGK D BURNING POSITION

Definition: THE POSITION IN WHICH THE ITEM IS DESIGNED TO OPERATE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., CWGKDEB; CWGKDEB$$DEE*; CWGKDEB$DEE*)*

E

AFSX D FILAMENT HEAVY DUTY SERVICE RATING

Definition: AN INDICATION OF THE PECULIAR TYPE OF HEAVY DUTY PERFORMANCE FOR WHICH THE FILAMENT IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFSXDB*)

REPLY CODE	REPLY (AE54)
D	EXTENDED SERVICE
N	NOT RATED
B	ROUGH SERVICE

APP Key	MRC	Mode Code	Requirements
		C	VIBRATION
E*			
	AFSY	D	LIGHT BEAM TYPE

Definition: THE ILLUMINATION PATTERN OF THE LIGHT BEAM PRODUCED BY THE ILLUMINATING SOURCE IN SURROUNDING SPACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFSYDB*; AFSYDB$$DC*)

REPLY CODE	REPLY (AE55)
B	FLOOD
G	MEDIUM FLOOD
H	NARROW SPOT
C	SPOT
J	VERY NARROW SPOT
K	VERY WIDE FLOOD
L	WIDE FLOOD

A

MATL D MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable I/SAC from Appendix C , Table 5, followed by the Mode Code, and the applicable Reply Code from the table below. (e.g., MATL1ADPC0000; MATL1ADGS0000*; MATL1BDALC000*)*

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
GS0000	GLASS
PC0000	PLASTIC
PCG000	PLASTIC, CELLULOSE ACETATE BUTYRATE
PCW000	PLASTIC, PHENOLIC
PCAE00	PLASTIC, POLYAMIDE
PCAA00	PLASTIC, POLYCARBONATE

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS CSKH, AEXD, AND AETN: IF THE LAMP HAS A LENS, REPLY TO THESE MRCS.

A* (See Note Above)

CSKH D LENS LIGHT TRANSMISSION CHARACTERISTIC

Definition: AN INDICATION OF THE LIGHT TRANSMISSION CHARACTERISTIC OF THE LENS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CSKHDAH*)

REPLY CODE	REPLY (AF93)
AE	OPAQUE
AH	TRANSLUCENT
AJ	TRANSPARENT

A* (See Note Preceding MRC CSKH)

AEXD D LENS COLOR

Definition: THE HUE OR TINT OF THE LENS.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6. (e.g., AEXDDBU0000)*

A* (See Note Preceding MRC CSKH)

AETN A LENS INSCRIPTION

Definition: THE INSCRIPTION AFFIXED TO OR STAMPED ON THE LENS, EXCLUDING THE PART NUMBER.

Reply Instructions: Enter the following instructions for recording replies:

1. If the lens is inscribed with a letter(s), numeral(s) or combinations thereof (may include hyphens, periods or other punctuation marks), enter the reply in clear text exactly as marked on the item.

(e.g., AETNALEG-1*;

AETNAPLUS*)

APP Key	MRC	Mode Code	Requirements

2. If the lens is inscribed with a character (symbol) that can also be described by a word, enter the name of the character followed by the word "symbol." (e.g., AETNATRIANGLE SYMBOL*; AETNAHYPHEN SYMBOL*; AETNAPERCENT SYMBOL*)

B*

AFTC B INPUT RATING IN WATT-SECONDS

Definition: THE UNIT(S) MEASURE OF THE INPUT RATING OF THE ITEM, WHEREIN A UNIT OF ELECTRICAL ENERGY IS EQUAL TO ONE WATT ACTING FOR ONE SECOND, EXPRESSED IN WATT-SECONDS (JOULES).

Reply Instructions: Enter the numeric value. (e.g., AFTCB150.0*)

Source data may specify Joules as the unit of measure. Joule is synonymous with watt-second.

B*

AFTD A MAXIMUM FLASHING RATE PER SECOND

Definition: THE MAXIMUM NUMBER OF FLASHES (PULSES) PER SECOND AT WHICH THE ITEM IS DESIGNED TO OPERATE.

Reply Instructions: Enter the numeric value. (e.g., AFTDA100*)

C

ARQF D STARTING CHARACTERISTIC

Definition: THE STARTING CHARACTERISTIC OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARQFDB*; ARQFDC$$DE*)

REPLY CODE	REPLY (AE56)
B	INSTANT
C	PREHEAT
E	RAPID

H, J

CTZY D FLASH RATING

APP Key	MRC	Mode Code	Requirements

Definition: THE RATED FLASH AS DETERMINED BY HOW RAPIDLY THE ITEM REACHES ITS PEAK LIGHT INTENSITY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CTZYDB*; CTZYDB$$DE*)

REPLY CODE	REPLY (AE57)
B	FAST
G	FOCAL PLANE
D	MEDIUM
E	MEDIUM FAST
N	NOT RATED
F	SLOW

NOTE FOR MRC AFTH: IF OTHER THAN REPLY CODE N OR G IS ENTERED FOR MRC CTZY, REPLY TO MRC AFTH.

H*, J* (See Note Above)

AFTH B FLASH TO PEAK LIGHT TIME IN SECONDS

Definition: THE NUMERIC VALUE INDICATING THE TIME INTERVAL REQUIRED, FROM THE TIME OF FLASH, FOR THE LIGHT TO REACH PEAK INTENSITY, EXPRESSED IN SECONDS.

Reply Instructions: Enter the numeric value. (e.g., AFTHB0.0120*)

C*, E*, H*

AFTJ B COLOR TEMP IN DEG KELVIN

Definition: THE NUMERIC VALUE INDICATING THE MEASUREMENT FOR THE COLOR TEMPERATURE OF THE LIGHT, EXPRESSED IN DEGREES KELVIN.

Reply Instructions: Enter the numeric value. (e.g., AFTJB3000.0*)

B*, E*, G*

AGDW J LIGHT CENTER LENGTH

Definition: THE DISTANCE FROM THE GEOMETRIC CENTER OF THE LIGHT SOURCE TO A PARTICULAR POINT ON THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGDWJAA1.250*; AGDWJLA1.2*; AGDWJAB1.235$$JAC1.265*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NOTE FOR MRC RADC: REPLY TO MRC RADC ONLY WHEN THE ITEM CONTAINS RADIOACTIVE MATERIAL. IF MRC RADC IS ANSWERED, A REPLY TO MRC RADD, IN SECTION III, IS MANDATORY.

ALL* (See Note Above)

RADC D RADIOACTIVE CONTENT

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM CONTAINS RADIOACTIVE MATERIALS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., RADCDP*)

REPLY CODE	REPLY (AN54)
P	CONTAINS RADIOACTIVE MATERIAL

NOTE FOR MRCS CBBL AND FEAT: E MODE REPLIES WILL NOT BE ACCEPTED IN REPLY TO MRC CBBL. IF A REPLY IS NOT REFERENCED ON THE TABLE FOR MRC CBBL, ENTER THE FEATURE IN REPLY TO MRC FEAT.

ALL* (See Note Above)

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBFK*; CBBLDBFJ$$DBFM*)

REPLY CODE	REPLY (AN47)
BFN	CARBON FILAMENT (all filaments other than carbon material are considered tungsten) (Use for Applicability Key E)
BFJ	FILAMENT SHIELDING (a fixed internal shield provided for modifying or directing the beam pattern produced by the light source) (use for Applicability Key E)
CNY	FLUTED LENS (use for Applicability Key A)
CNZ	FRESNEL LENS (use for Applicability Key A)
BFK	HEAT RESISTANT GLASS (a glass composition that will withstand a higher temperature than general service bulbs) (use for Applicability Key E)
BFL	PREAGED LAMP (tested under specified operating conditions for a predetermined period of time) (use for all Applicability Keys except H)
FNY	ROHS DIRECTIVE COMPLIANCE
BFM	WATERPROOF TERMINALS (use for Applicability Keys B, C, D, E, and G)

ALL * (See Note Preceding MRC CBBL)

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

APP Key	MRC	Mode Code	Requirements

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)*

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

ALL*

ZZZX G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

APP Key	MRC	Mode Code	Requirements
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

	CRTL	A	CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL* (See Note Above)

ENAC D ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDHL*; ENACDHL$$DGE*)

REPLY CODE	REPLY (EN02)
HL	*ENERGY EFFICIENT – FEMP - LIGHTING - COMPACT FLUORESCENT LIGHT BULBS*
GE	*ENERGY EFFICIENT – FEMP - LIGHTING - FLUORESCENT TUBE LAMPS*
NR	REVIEWED - DOES NOT MEET SOME ENAC CRITERIA

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

APP Key	MRC	Mode Code	Requirements

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION III

APP Key	MRC	Mode Code	Requirements

ALL

BGTB H STORAGE FACILITY

Definition: THE STORAGE FACILITY STANDARDS ESTABLISHED TO ASSURE THE SERVICEABILITY OF SUPPLIES IN STORAGE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below. (e.g., BGTBHBASAB*)

If a reply is given for mandatory, replies for preferred and alternate cannot be used.

APP Key	MRC	Mode Code	Requirements

If a reply is given for preferred, a reply for alternate must be given. Likewise, if a reply is given for alternate, a reply for preferred must be given. Use AND coding ($$), entering the preferred reply first. (e.g., BGTBHCASAC$$HDAWAB*)

REPLY CODE	REPLY (AN11)
D	ALTERNATE
B	MANDATORY
C	PREFERRED

REPLY CODE	REPLY (AM81)
AT	DOCK LEVEL HEATED WAREHOUSE
AX	DOCK LEVEL UNHEATED WAREHOUSE
AS	GROUND LEVEL HEATED WAREHOUSE
AW	GROUND LEVEL UNHEATED WAREHOUSE
AG	IMPROVED OPEN
AR	SHED
AK	UNIMPROVED OPEN

Table 3

REPLY CODE	REPLY (AN12)
AC	CONTROLLED HUMIDITY
AD	FLAMMABLE
AB	GENERAL PURPOSE
AE	SECURITY

ALL

BBRJ D SPECIAL HANDLING FEATURE

Definition: THAT UNUSUAL OR UNIQUE CHARACTERISTIC(S) OR QUALITY(IES) OF AN ITEM WHICH NECESSITATES THE ESTABLISHMENT OF A REQUIREMENT FOR SPECIAL HANDLING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBRJDAE*; BBRJDAE$$DAH*)

REPLY CODE	REPLY (AM83)
AE	FRAGILE
AH	RADIOACTIVE

APP Key	MRC	Mode Code	Requirements

ALL

AGAV G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

Reply to this requirement only when the item is peculiar to a specific end equipment.

NOTE FOR MRC RADD: IF REPLY CODE P IS ENTERED FOR MRC RADC IN SECTION I, A REPLY MUST BE ENTERED FOR MRC RADD.

ALL (See Note Above)

RADD J RADIONUCLIDES DATA

Definition: THE NAME AND AMOUNT OF THE RADIONUCLIDE.

Reply Instructions: Enter the applicable Reply Codes from the table below and Appendix A , Table 5, followed by the numeric value. (e.g., RADDJJFAAAD10.000)*

REPLY CODE	REPLY (AG67)
JF	CURIES
JH	MICROCURIES
JG	MILLICURIES

ALL

CBME J CUBIC MEASURE

Definition: A MEASUREMENT OF THE VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CBMEJCN10.000*; CBMEJCC16.4*)

REPLY CODE	REPLY (AN76)
CC	CUBIC CENTIMETERS

APP Key	MRC	Mode Code	Requirements
		CN	CUBIC INCHES
ALL			
	AFJN	D	FRAGILITY FACTOR

Definition: THE MEASURE OF SENSITIVITY OF THE ITEM TO BE PACKAGED. A FACTOR USED BY PACKAGING ENGINEERS IN DEVISING PROPER CUSHIONING IN A PACKAGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJNDD*)

REPLY CODE	REPLY (AD40)
D	DELICATE
B	EXTREMELY FRAGILE
E	MODERATELY DELICATE
F	MODERATELY RUGGED
G	RUGGED
C	VERY DELICATE

ALL			
	PRMT	D	PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

APP Key	MRC	Mode Code	Requirements
	PMWT	J	PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

	PMLC	J	PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM

APP Key	MRC	Mode Code	Requirements
		AGA000	SILVER
ALL			
	SUPP	G	SUPPLEMENTARY FEATURES
			Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.
			Reply Instructions: Enter the reply in clear text. (e.g., SUPPGHIGH OZONE OUTPUT*)
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
			Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.
			Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.
			(e.g., ZZZPJ81337-30624A*)
ALL			
	ZZZV	G	FSC APPLICATION DATA
			Definition: THE JUSTIFICATION FOR ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.
			Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)
ALL*			
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY

APP Key	MRC	Mode Code	Requirements

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

ALL

HZRD D HAZARDOUS SUBSTANCES

Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HZRDDHAZ027*; HZRDDHAZ055$$DHAZ056*)

REPLY CODE	REPLY (HZ00)
HAZ027	IRIDIUM
HAZ054	*MERCURY*
HAZ035	RADIOACTIVE
HAZ055	RADIUM 223
HAZ056	RADIUM 224
HAZ057	RADIUM 226
HAZ058	*RADIUM 228*

Reply Tables

Table 1 - EMITTED LIGHT CHARACTERISTICS

REPLY CODE	REPLY (AD06)
AM0000	AMBER
AM0001	AMBER, CLOUDY
AM0005	AMBER, DARK
AM0003	AMBER, LIGHT
AM0002	AMBER, NATURAL
AM0007	AMBER, NATURAL DARK
AM0006	AMBER-ORANGE
BL0000	BLACK
BL0002	BLACK, BLUE
MS0000	BLACKLIGHT
BU0000	BLUE
BU0001	BLUE, AVIATION, MIL-C-25050 TYPE 1
BU0005	BLUE, DARK
BU0055	BLUE GREEN
BU0026	BLUE, LIGHT
BU0006	BLUE, MOONLIGHT
BU0007	BLUE, NATURAL
BU0003	BLUE-VIOLET
BU0004	BLUE-WHITE
CL0001	COLORLESS (includes clear)
MS0001	DAYLIGHT
GR0003	EMERALD
RE0040	FLAME
	Flamescent (use Reply Code RE0040 or Reply Code MS0002)
MS0002	FLAMETINT
GL0000	GOLD
GR0000	GREEN
GR0001	GREEN, AVIATION, MIL-C-25050 TYPE 1
GR0149	GREEN, COOL
GR0002	GREEN, IDENTIFICATION, MIL-C-25050 TYPE 2
GR0032	GREEN, LIGHT
GR0004	GREEN, NATURAL
GR0150	GREEN, VEGETABLE
GR0042	GREEN, YELLOW
NR0000	INFRARED
VY0000	IVORY
NA0000	NATURAL
MS0041	OPAL
RG0000	ORANGE
RG0001	ORANGE-RED
PK0000	PINK
PK0001	PINK, DAWN
PK0002	PINK, SURPRISE
PU0000	PURPLE
RE0000	RED

REPLY CODE	REPLY (AD06)
RE0002	RED, AVIATION, MIL-C-25050 TYPE 1
RE0003	RED, IDENTIFICATION, MIL-C-25050 TYPE 2
RE0006	ROSE
RE0020	RUBY
RE0115	RUBY, DARK
RE0005	RUBY, NATURAL
RE0116	RUBY, NATURAL DARK
MS0004	STRAW
MS0005	SUNLIGHT
UV0000	ULTRAVIOLET
WH0000	WHITE
WH0002	WHITE, AVIATION, MIL-C-25050 TYPE 1
WH0005	WHITE, COOL
WH0059	WHITE, COOL, SUPER DELUXE
WH0058	WHITE, DELUXE
WH0006	WHITE, DELUXE COOL
WH0007	WHITE, DELUXE WARM
WH0065	WHITE, DESIGN
WH0004	WHITE, LUNAR
WH0001	WHITE, LUNAR IDENTIFICATION, MIL-C-25050 TYPE 2
WH0008	WHITE, SOFT
WH0012	WHITE, TRANSLUCENT
WH0009	WHITE, WARM
YE0000	YELLOW
YE0002	YELLOW, AVIATION, MIL-C-25050 TYPE 1
YE0012	YELLOW, DARK
YE0049	YELLOW-GREEN
YE0003	YELLOW, IDENTIFICATION, MIL-C-25050 TYPE 2
YE0018	YELLOW, LIGHT

Table 2 - BURNING POSITIONS

REPLY CODE	REPLY (AF63)
EA	ANY EXCEPT WITHIN 45 DEGREES OF BASE UP
AA	ANY EXCEPT WITHIN 90 DEGREES OF BASE UP
EB	BASE DOWN
EC	BASE DOWN TO HORIZONTAL
ED	BASE DOWN TO 15 DEGREES ABOVE HORIZONTAL
AU	BASE DOWN TO 15 DEGREES BELOW HORIZONTAL
AV	BASE DOWN TO 30 DEGREES BELOW HORIZONTAL
BU	BASE DOWN TO 45 DEGREES BELOW HORIZONTAL
EE	BASE UP
EF	BASE UP TO HORIZONTAL
EG	BASE UP TO 15 DEGREES BELOW HORIZONTAL
EH	BASE UP TO 20 DEGREES ABOVE HORIZONTAL
BV	BASE UP TO 45 DEGREES ABOVE HORIZONTAL

REPLY CODE	REPLY (AF63)
AC	HORIZONTAL
CU	HORIZONTAL PLUS OR MINUS 15 DEGREES
EL	VERTICAL ANODE DOWN
EM	VERTICAL ANODE UP
AB	VERTICAL (excludes Reply Codes EB and EE)
CV	WITHIN 15 DEGREES OF BASE DOWN
EN	WITHIN 25 DEGREES OF BASE UP
DU	WITHIN 30 DEGREES OF BASE DOWN
EU	WITHIN 30 DEGREES OF BASE UP
DV	WITHIN 45 DEGREES OF BASE DOWN
EV	WITHIN 45 DEGREES OF BASE UP
EP	WITHIN 60 DEGREES OF BASE DOWN
EQ	WITHIN 60 DEGREES OF BASE UP
ET	WITHIN 90 DEGREES OF BASE DOWN
EW	WITHIN 90 DEGREES VERTICAL AND ANODE DOWN
EJ	45 DEGREES BASE DOWN
EK	45 DEGREES BASE DOWN TO HORIZONTAL

Table 3 - LIGHT INTENSITY DISTRIBUTION FEATURES

REPLY CODE	REPLY (AF58)
AP	DICHROIC REFLECTOR
AM	FROSTED SIDE
AQ	INSIDE COATED
AR	INSIDE FROSTED
AK	OPAQUE BOWL
AF	OPAQUE END
AJ	OPAQUE SIDES
AS	OUTSIDE COATED
AT	OUTSIDE FROSTED
AG	PARABOLIC REFLECTOR
AB	PHOSPHOR COATED BAND
AA	PHOSPHOR COATED REFLECTOR
AW	PRISMATIC LENS
AX	PROXIMITY REFLECTOR
AN	REFLECTIVE BACK
AD	REFLECTIVE BAND AROUND BOWL
AC	REFLECTIVE BOWL
AL	REFLECTIVE END
AE	REFLECTIVE SIDE
AH	REFLECTIVE WITH ROUND SPOT ON SIDE
AY	STIPPLED LENS
AZ	STIPPLED REFLECTOR

Table 4 - NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD

REPLY CODE	REPLY (AD08)
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 5 - RADIONUCLIDES DATA

REPLY CODE	MATERIAL ELEMENT	RADIONUCLIDES(AN55)
AAAB	ACTINIUM (89)	AC-227
AAAC	ACTINIUM (89)	AC-228
AAAD	AMERICIUM (95)	AM-241
AAAE	AMERICIUM (95)	AM-243
AAAF	ANTIMONY (51)	SB-122
AAAG	ANTIMONY (51)	SB-124
AAAH	ANTIMONY (51)	SB-125
AAAJ	ARGON (18)	AR-37
AAAK	ARGON (18)	AR-41
AAAL	ARGON (18)	AR-41, UNCOMPRESSED
AAAM	ARSENIC (33)	AS-73
AAAN	ARSENIC (33)	AS-74
AAAP	ARSENIC (33)	AS-76
AAAQ	ARSENIC (33)	AS-77
AAAR	ASTATINE (85)	AT-211
AAAS	BARIUM (56)	BA-131
AAAT	BARIUM (56)	BA-133
AAAW	BARIUM (56)	BA-140
AAAX	BERKELIUM (97)	BK-249
AAAY	BERYLLIUM (4)	BE-7
AAAZ	BISMUTH (83)	BI-206
AABA	BISMUTH (83)	BI-207
AABB	BISMUTH (83)	BI-210
AABC	BISMUTH (83)	BI-212
AABD	BROMINE (35)	BR-82
AABE	CADMIUM (48)	CD-109
AABF	CADMIUM (48)	CD-115M
AABG	CADMIUM (48)	CD-115
AABH	CALCIUM (20)	CA-45
AABJ	CALCIUM (20)	CA-47
AABK	CALIFORNIUM (98)	CF-249
AABL	CALIFORNIUM (98)	CF-250
AABM	CALIFORNIUM (98)	CF-252
AABN	CARBON (6)	C-14
AABP	CERIUM (58)	CE-141
AABQ	CERIUM (58)	CE-143
AABR	CERIUM (58)	CE-144
AABS	CESIUM (55)	CS-131
AABT	CESIUM (55)	CS-134M
AABW	CESIUM (55)	CS-134
AABX	CESIUM (55)	CS-135
AABY	CESIUM (55)	CS-136
AABZ	CESIUM (55)	CS-137
AACA	CHLORINE (17)	CL-36

REPLY CODE	MATERIAL ELEMENT	RADIONUCLIDES(AN55)
AACB	CHLORINE (17)	CL-38
AACC	CHROMIUM (24)	CR-51
AACD	COBALT (27)	CO-56
AACE	COBALT (27)	CO-57
AACF	COBALT (27)	CO-58M
AACG	COBALT (27)	CO-58
AACH	COBALT (27)	CO-60
AACJ	COPPER (29)	CU-64
AACK	CURIUM (96)	CM-242
AACL	CURIUM (96)	CM-243
AACM	CURIUM (96)	CM-244
AACN	CURIUM (96)	CM-245
AACP	CURIUM (96)	CM-246
AACQ	DYSPROSIUM (66)	DY-154
AACR	DYSPROSIUM (66)	DY-165
AACS	DYSPROSIUM (66)	DY-166
AACT	ERBIUM (68)	ER-169
AACW	ERBIUM (68)	ER-171
AACX	EUROPIUM (63)	EU-150
AACY	EUROPIUM (63)	EU-152M
AACZ	EUROPIUM (63)	EU-152
AADA	EUROPIUM (63)	EU-154
AADB	EUROPIUM (63)	EU-155
AADC	FLUORINE (9)	F-18
AADD	GADOLINIUM (64)	GD-153
AADE	GADOLINIUM (64)	GD-159
AADF	GALLIUM (31)	GA-67
AADG	GALLIUM (31)	GA-72
AADH	GERMANIUM (32)	GE-71
AADJ	GOLD (79)	AU-193
AADK	GOLD (79)	AU-194
AADL	GOLD (79)	AU-195
AADM	GOLD (79)	AU-196
AADN	GOLD (79)	AU-198
AADP	GOLD (79)	AU-199
AADQ	HAFNIUM (72)	HF-181
AADR	HOLMIUM (67)	HO-166
	HYDROGEN (1)	H-3 (See Tritium)
AADS	INDIUM (49)	IN-113M
AADT	INDIUM (49)	IN-114M
AADW	INDIUM (49)	IN-115M
AADX	INDIUM (49)	IN-115
AADY	IODINE (53)	I-124
AADZ	IODINE (53)	I-125
AAEA	IODINE (53)	I-126
AAEB	IODINE (53)	I-129
AAEC	IODINE (53)	I-131

REPLY CODE	MATERIAL ELEMENT	RADIONUCLIDES(AN55)
AAED	IODINE (53)	I-132
AAEE	IODINE (53)	I-133
AAEF	IODINE (53)	I-134
AAEG	IODINE (53)	I-135
AAEH	IRIDIUM (77)	IR-190
AAEJ	IRIDIUM (77)	IR-192
AAEK	IRIDIUM (77)	IR-194
AAEL	IRON (26)	FE-55
AAEM	IRON (26)	FE-59
AAEN	KRYPTON (36)	KR-85M
AAEP	KRYPTON (36)	KR-85M, UNCOMPRESSED
AAEQ	KRYPTON (36)	KR-85
AAER	KRYPTON (36)	KR-85, UNCOMPRESSED
AAES	KRYPTON (36)	KR-87
AAET	KRYPTON (36)	KR-87, UNCOMPRESSED
AAEW	LANTHANUM (57)	LA-140
AAEX	LEAD (82)	PB-203
AAEY	LEAD (82)	PB-210
AAEZ	LEAD (82)	PB-212
AAFA	LUTECIUM (71)	LU-172
AAFB	LUTECIUM (71)	LU-177
AAFC	MAGNESIUM (12)	MG-28
AAFD	MANGANESE (25)	MN-52
AAFE	MANGANESE (25)	MN-54
AAFF	MANGANESE (25)	MN-56
AAFG	MERCURY (80)	HG-197M
AAFH	MERCURY (80)	HG-197
AAFJ	MERCURY (80)	HG-203
AAFK	MIXED FISSION PRODUCTS	MF-P
AAFL	MOLYBDENUM (42)	MO-99
AAFM	NEODYMIUM (60)	ND-147
AAFN	NEODYMIUM (60)	ND-149
AAFP	NEPTUNIUM (93)	NP-237
AAFQ	NEPTUNIUM (93)	NP-239
AAFR	NICKEL (28)	NI-56
AAFS	NICKEL (28)	NI-59
AAFT	NICKEL (28)	NI-63
AAFW	NICKEL (28)	NI-65
AAFX	NIOBIUM (41)	NB-93M
AAFY	NIOBIUM (41)	NB-95
AAFZ	NIOBIUM (41)	NB-97
AAGA	OSMIUM (76)	OS-185
AAGB	OSMIUM (76)	OS-191M
AAGC	OSMIUM (76)	OS-191
AAGD	OSMIUM (76)	OS-193
AAGE	PALLADIUM (46)	PD-103

REPLY CODE	MATERIAL ELEMENT	RADIONUCLIDES(AN55)
AAGF	PALLADIUM (46)	PD-109
AAGG	PHOSPHORUS (15)	P-32
AAGH	PLATINUM (78)	PT-191
AAGJ	PLATINUM (78)	PT-193
AAGK	PLATINUM (78)	PT-193M
AAGL	PLATINUM (78)	PT-197M
AAGM	PLATINUM (78)	PT-197
AAGN	PLUTONIUM (94)	PU-238
AAGP	PLUTONIUM (94)	PU-239
AAGQ	PLUTONIUM (94)	PU-240
AAGR	PLUTONIUM (94)	PU-241
AAGS	PLUTONIUM (94)	PU-242
AAGT	POLONIUM (84)	PO-210
AAGW	POTASSIUM (19)	K-42
AAGX	POTASSIUM (19)	K-43
AAGY	PRASEODYMIUM (59)	PR-142
AAGZ	PRASEODYMIUM (59)	PR-143
AAHA	PROMETHIUM (61)	PM-147
AAHB	PROMETHIUM (61)	PM-149
AAHC	PROTACTINIUM (91)	PA-230
AAHD	PROTACTINIUM (91)	PA-231
AAHE	PROTACTINIUM (91)	PA-233
AAHF	RADIUM (88)	RA-223
AAHG	RADIUM (88)	RA-224
AAHH	RADIUM (88)	RA-226
AAHJ	RADIUM (88)	RA-228
AAHK	RADON (86)	RN-220
AAHL	RADON (86)	RN-222
AAHM	RHENIUM (75)	RE-183
AAHN	RHENIUM (75)	RE-186
AAHP	RHENIUM (75)	RE-187
AAHQ	RHENIUM (75)	RE-188
AAHR	RHENIUM (75)	RE-NATURAL
AAHS	RHODIUM (45)	RH-103M
AAHT	RHODIUM (45)	RH-105
AAHW	RUBIDIUM (37)	RB-86
AAHX	RUBIDIUM (37)	RB-87
AAHY	RUBIDIUM (37)	RB-NATURAL
AAHZ	RUTHENIUM (44)	RU-97
AAJA	RUTHENIUM (44)	RU-103
AAJB	RUTHENIUM (44)	RU-105
AAJC	RUTHENIUM (44)	RU-106
AAJD	SAMARIUM (62)	SM-145
AAJE	SAMARIUM (62)	SM-147
AAJF	SAMARIUM (62)	SM-151
AAJG	SAMARIUM (62)	SM-153
AAJH	SCANDIUM (21)	SC-46

REPLY CODE	MATERIAL ELEMENT	RADIONUCLIDES(AN55)
AAJJ	SCANDIUM (21)	SC-47
AAJK	SCANDIUM (21)	SC-48
AAJL	SELENIUM (34)	SE-75
AAJM	SILICON (14)	SI-31
AAJN	SILVER (47)	AG-105
AAJP	SILVER (47)	AG-110M
AAJQ	SILVER (47)	AG-111
AAJR	SODIUM (11)	NA-22
AAJS	SODIUM (11)	NA-24
AAJT	STRONTIUM (38)	SR-85M
AAJW	STRONTIUM (38)	SR-85
AAJX	STRONTIUM (38)	SR-89
AAJY	STRONTIUM (38)	SR-90
AAJZ	STRONTIUM (38)	SR-91
AAKA	STRONTIUM (38)	SR-92
AAKB	SULPHUR (16)	S-35
AAKC	TANTALUM (73)	TA-182
AAKD	TECHNETIUM (43)	TC-96M
AAKE	TECHNETIUM (43)	TC-96
AAKF	TECHNETIUM (43)	TC-97M
AAKG	TECHNETIUM (43)	TC-97
AAKH	TECHNETIUM (43)	TC-99M
AAKJ	TECHNETIUM (43)	TC-99
AAKK	TELLURIUM (52)	TE-125M
AAKL	TELLURIUM (52)	TE-127M
AAKM	TELLURIUM (52)	TE-127
AAKN	TELLURIUM (52)	TE-129M
AAKP	TELLURIUM (52)	TE-129
AAKQ	TELLURIUM (52)	TE-131M
AAKR	TELLURIUM (52)	TE-132
AAKS	TERBIUM (65)	TB-160
AAKT	THALLIUM (81)	TL-200
AAKW	THALLIUM (81)	TL-201
AAKX	THALLIUM (81)	TL-202
AAKY	THALLIUM (81)	TL-204
AAKZ	THORIUM (90)	TH-227
AALA	THORIUM (90)	TH-228
AALB	THORIUM (90)	TH-230
AALC	THORIUM (90)	TH-231
AALD	THROIUM (90)	TH-232
AALE	THORIUM (90)	TH-234
AALF	THORIUM (90)	TH-NATURAL
AALG	THULIUM (69)	TM-168
AALH	THULIUM (69)	TM-170
AALJ	THULIUM (69)	TM-171
AALK	TIN (50)	SN-113
AALL	TIN (50)	SN-117M

REPLY CODE	MATERIAL ELEMENT	RADIONUCLIDES(AN55)
AALM	TIN (50)	SN-121
AALN	TIN (50)	SN-125
AALP	TRITIUM (1)	H-3
AALQ	TRITIUM (1)	H-3 AS GAS, LUMINOUS PAINT, OR ADSORBED ON SOLID MATERIAL
AALR	TUNGSTEN (74)	W-181
AALS	TUNGSTEN (74)	W-185
AALT	TUNGSTEN (74)	W-187
AALW	URANIUM (92)	U-230
AALX	URANIUM (92)	U-232
AALY	URANIUM (92)	U-233
AALZ	URANIUM (92)	U-234
AAMA	URANIUM (92)	U-235
AAMB	URANIUM (92)	U-236
AAMC	URANIUM (92)	U-238
AAMD	URANIUM (92)	U-NATURAL
AAME	URANIUM (92)	U-ENRICHED
AAMF	URANIUM (92)	U-DEPLETED
AAMG	VANADIUM (23)	V-48
AAMH	VANADIUM (23)	V-49
AAMJ	XENON (54)	XE-125
AAMK	XENON (54)	XE-131M
AAML	XENON (54)	XE-131M, UNCOMPRESSED
AAMM	XENON (54)	XE-133
AAMN	XENON (54)	XE-133, UNCOMPRESSED
AAMP	XENON (54)	XE-135
AAMQ	XENON (54)	XE-135, UNCOMPRESSED
AAMR	YTTERBIUM (70)	YB-175
AAMS	YTTRIUM (39)	Y-88
AAMT	YTTRIUM (39)	Y-90
AAMW	YTTRIUM (39)	Y-91M
AAMX	YTTRIUM (39)	Y-91
AAMY	YTTRIUM (39)	Y-92
AAMZ	YTTRIUM (39)	Y-93
AANA	ZINC (30)	ZN-65
AANB	ZINC (30)	ZN-69M
AANC	ZINC (30)	ZN-69
AAND	ZIRCONIUM (40)	ZR-93
AANE	ZIRCONIUM (40)	ZR-95
AANF	ZIRCONIUM (40)	ZR-97

Table 6 - LENS COLOR

REPLY CODE	REPLY (AD06)
AM0000	AMBER

REPLY CODE	REPLY (AD06)
BU0000	BLUE
CL0001	COLORLESS (includes clear)
GR0000	GREEN
RG0000	ORANGE
RE0000	RED
WH0000	WHITE
YE0000	YELLOW
YE0001	YELLOW, LIGHT

Reference Drawing Groups

REFERENCE DRAWING GROUP A Tables
BASE STYLES

INDEX OF MASTER REQUIREMENT CODES

STYLE	STYLE NO.
INTERMEDIATE SCREW	A2D
KNURLED SCREW	A7A
LARGE INDEXING RING	A31
LARGE THREE PIN	A69
LOCKING FOUR PIN	A72
MAGICUBE	A146
MEDIUM BIPIN	A84A
MEDIUM BIPOST	A67A
MEDIUM FIVE PIN	A74A
MEDIUM FOUR PIN	A70A
MEDIUM PREFOCUS	A28A
MEDIUM SCREW	A2E
MEDIUM SCREW	A2F
MEDIUM SCREW	A3C
MEDIUM SIDE PRONG	A37
MEDIUM TWO PIN	A99A
METAL SLEEVE WITH	A50
MIDGET FLANGED	A12A
MIDGET GROOVED	A17A
MIDGET SCREW	A2G
MINIATURE BAYONET	A18A
MINIATURE BAYONET	A15A
MINIATURE BAYONET	A23A
MINIATURE BIPIB	A84B
MINIATURE CAP	A47A
MINIATURE CAP	A48
MINIATURE PINLESS	A82
MINIATURE SCREW	A2H
MINIATURE TWO PIN	A65A
MINI-CAN	A5
MOGUL BIPIN	A84C
MOGUL BIPOST	A68A
MOGUL END PRONG	A36
MOGUL END PRONG	A35
MOGUL PREFOCUS	A28B
MOGUL SCREW	A2J
MOGUL SCREW	A2K
MOUNTING LUGS AND	A94
OCTAL FIVE PIN	A80
OCTAL THREE PIN	A79
OVAL SMALL FOUR PIN	A73
RECESSED DOUBLE	A86

STYLE	STYLE NO.
RECESSED SINGLE	A52
RECTANGULAR	A53
SINGLE CONTACT	A18B
SINGLE CONTACT	A18C
SINGLE CONTACT	A20A
SINGLE CONTACT	A15B
SINGLE CONTACT	A15C
SINGLE CONTACT	A25
SINGLE CONTACT	A23B
SINGLE CONTACT	A13
SINGLE PIN	A83
SINGLE PIN FLUTED	A87
SMALL FIVE PIN	A74B
SMALL FOUR PIN	A70B
SPADE SINGLE	A49
SPECIAL FIVE PIN	A76
SPECIAL MICRO	A12B
SPECIAL MINIATURE,	A1
SPECIAL SLEEVE	A57
SPECIAL NO. 10-64	A6A
SPECIAL SUB-MIDGET	A12C
SPECIAL 952 SCREW	A9A
SPECIAL 952 SCREW	A8
SUB-MIDGET FLANGED	A12D
SUB-MINIATURE TWO	A64
SURGICAL FLANGE,	A92
SURGICAL FLANGE,	A93
SURGICAL SCREW	A11
TAB	A91
TELEPHONE SLIDE	A63
TELEPHONE SLIDE	A59
TELEPHONE SLIDE	A62
TELEPHONE SLIDE	A60
TELEPHONE SLIDE	A61
THREE CONTACT LUGS	A43
THREE CONTACT	A22
THREE CONTACT	A4A
THREE CONTACT	A4B
THREE PRONG AND	A88
THREE SCREW	A42
THREE SLIP-ON	A41
THREE WIRE LEADS	A45

STYLE	STYLE NO.
TWO CONTACT LUGS	A38
TWO PIN PREFOCUS	A100A
TWO SCREW	A40
TWO SLIP-ON	A39
UNTHREADED	A27
VENTILATED LARGE	A32A
WEDGE	A90A
WIRE LEADS, DOWN	A96
WIRE LEADS, UP	A97
WIRE WRAP, TERMINAL	A98
2-PIN	A101
2-PIN VENTED	A102
4-PIN CIRCULAR	A85A

STYLE	STYLE NO.
B9.5S/11 (Wootton	A111
B15D/19 - (SBC)	A19C
B15D/24 X 17 - (SBC	A24C
B15D/27 X 22 - (SBC	A24D
B15D/29 X 26 - (SBC	A24E
B15S/19 - (SCC)	A18F
B15S/24 X 17 - (SCC	A23D
B15S/27 X 22 - (SCC	A23E
B15S/29 X 26 - (SCC	A23F
B22D - 3(90 o/135 o)/25 X	A112
B22D - 54 (Ceramic)	A113A
B22D - 68 (Ceramic)	A113B
B22D/22 - (BC)	A19E
B22D/25 X 26 - (BC	A24F
B22S/22 - (BC)	A18H
B22S/25 X 26 - (BC	A23C
BA7S/11	A106
BA9S/13 - (MCC)	A18D
BA9S/14 - (MCC)	A18E
BA15D - (SBC)	A19D
BA15S - (SCC)	A18G
BA20D - (BOSCH)	A108
BA20S - (BOSCH)	A107
BA21D - 3(120O)	A110
BA21S - 3(120O)	A109
BAY15D - (SBC Indexing)	A21B

STYLE	STYLE NO.
BAY15S - (SCC Indexing)	A20B
BY22D (For Sodium	A114
E5/9 - (LES)	A2L
E5/15 X 6 - (LES Skirted)	A3E
E10/12	A2M
E10/13 - (MES)	A2N
E10/19 X 13 - (MES	A3F
E12/15	A2P
E12/20 X 15	A3D
E14/20 - (SES)	A2Q
E14/23 X 15 - (SES	A3H
E14/25 X 17 - (SES	A3J
E17/20	A2R
E26D	A4C
E26/24	A2S
E27 - 3 FIN PREFOCUS	A103
E27/25 - (ES)	A2T
E27/27 - (ES)	A2U
E27/51 X 39 - (ES Skirted)	A3K
E39/41	A2V
E40/41 - (GES)	A2W
E40/45 - (GES)	A2X
EP10/14 X 11 - (Prefocus	A3G
FA4 - (Single Pin for	A137
FA6 - (Single Pin for	A136
FC6.4 - 0.8	A138
G4	A65B
G5.3	A99B
G6.35 - 15	A65C
G6.35 - 20	A65D
G6.35 - 25	A65E
G6.35 - 30	A65F
G9.5	A99C
G10Q - (4 Pin for Circular	A85B
G16T/23 X 22	A139
G17Q - 7 - FOUR PIN	A71B
G19 (Bi-Pin)	A143
G22	A67B
G38	A68B
GX6.35 - 15	A65G
GX6.35 - 20	A65H
GX6.35 - 25	A65J

STYLE	STYLE NO.
GX6.35 - 30	A65K
GX9.5	A99D
GX17Q - 7 - FOUR PIN	A71C
GY6.35 - 15	A65L
GY6.35 - 20	A65M
GY6.35 - 25	A65N
GY6.35 - 30	A65P
GY9.5	A99E
GY16	A100B
GY17Q - 7 - FOUR PIN	A71D
INSULATED KOLLSMAN	A7D
KOLLSMAN SCREW	A7B
P14.5S	A116
P18S	A122
P28D - (DC Medium	A115
P28S/24 - (Medium	A28C
P28S/33 - (Medium	A28E
P36D - (BPF DC)	A119
P36S - (BPF SC)	A118
P38S (Small Bell and	A33B
P38S WITH 3 FLATS	A117A
P40S/41 - (Large Prefocus)	A28D
P40S/55 - (Large Prefocus)	A28F
P43T - 38	A123
P45T - 41	A121
P46S WITH 3 FLATS	A117B
PG22 - 6.35	A124
PK22S	A120
SIDE CLIPS	A135
SIDE CLIPS WITH	A134
SPECIAL KOLLSMAN	A7C
SPECIAL 1.7 X 0.35 mm	A104C
SPECIAL 2 BA THREAD	A6D
SPECIAL 2.2 X 0.45 mm	A104D
SPECIAL 4 X 0.70 mm	A6C
SPECIAL 5/32 WHIT.	A6B
SPECIAL 8 BA THREAD	A104A
SPECIAL 10 BA THREAD	A104B
SPECIAL 953 SCREW	A9B
S5.5S - (Midget Groove)	A17B
S5.7S/8	A17C
S12S - (Peg)	A105

STYLE	STYLE NO.
SV7/6.8 - (Miniature	A47E
SV7/8 - (Miniature Festoon)	A47F
SV8.5/5 - (Small Festoon)	A47C
SV8.5/6.5 - (Small Festoon)	A47D
SV8.5/8 - (Small Festoon)	A47B
T4.6	A125
T5.5	A127
T5.5K	A126
T5.5K m/	A128
T5.8	A129
T6.5	A131
T6.6	A130
T6.8	A132
T7	A133
W2 X 4.6D - (Wedge)	A90C
W2.1 X 9.5D - (Wedge)	A90B
W3.3 X 10.4D (Glass	A89B
W10.6 X 8.5D - (Photo	A142
X511	A140

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFSCJAA2.500*; AFSCJLA63.5*; AFSCJAA2.500$$JAA2.750*; AFSCJAB2.485$$JAC2.515*)

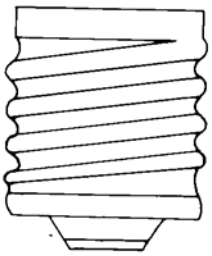
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Name of Dimension
AFSC	J	WIRE LEAD LENGTH

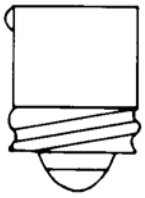
REFERENCE DRAWING GROUP A

BASE STYLES

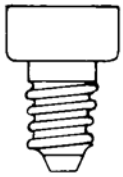


A2A	ADMEDIUM SCREW	A2M	E10/12
A2B	CANDELABRA SCREW	A2N	E10/13 - (MES)
A2C	INTERMEDIATE SCREW	A2P	E12/15
		A2Q	E14/20 - (SES)
A2E	MEDIUM SCREW	A2R	E17/20
A2F	MEDIUM SCREW EXPORT	A2S	E26/24
A2G	MIDGET SCREW	A2T	E27/25 - (ES)
A2H	MINIATURE SCREW	A2U	E27/27 - (ES)
A2J	MOGUL SCREW	A2V	E39/41
A2K	MOGUL SCREW EXPORT	A2W	E40/41 - (GES)
A2L	**E5/9 - (LES)**	A2X	E40/45 - (GES)

A1



SPECIAL MINIATURE, ONE AND HALF TURN THREAD



A3A ADMEDIUM SCREW SKIRTED

A3B CANDELABRA SCREW SKIRTED

A3C MEDIUM SCREW SKIRTED

A3D E12/20x15

A3E E5/15x6 - (LES SKIRTED)

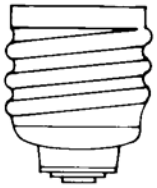
A3F E10/19x13 - (MES SKIRTED)

A3G EP10/14x11 - (PREFOCUS MES)

A3H E14/23x15 - (SES SKIRTED)

A3J E14/25x17 - (SES SKIRTED)

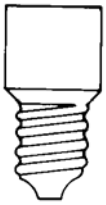
A3K E27/51x39 - (ES SKIRTED)



A4A THREE CONTACT MEDIUM SCREW

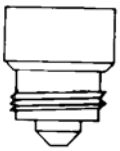
A4B THREE CONTACT MOGUL SCREW

A4C E26d



A5

MINI-CAN



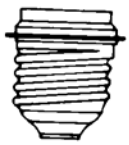
A6A SPECIAL NO. 10-64 THREAD

A6B SPECIAL 5/32 WHIT. THREAD

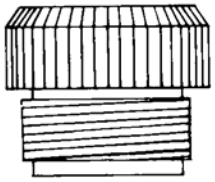
A6C SPECIAL 4 X 0.70 MM THREAD

A6D SPECIAL 2 BA THREAD

A103



E27 - 3 FIN PREFOCUS



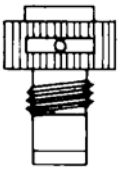
A7A KNURLED SCREW (KOLLSMAN)

A7B KOLLSMAN SCREW

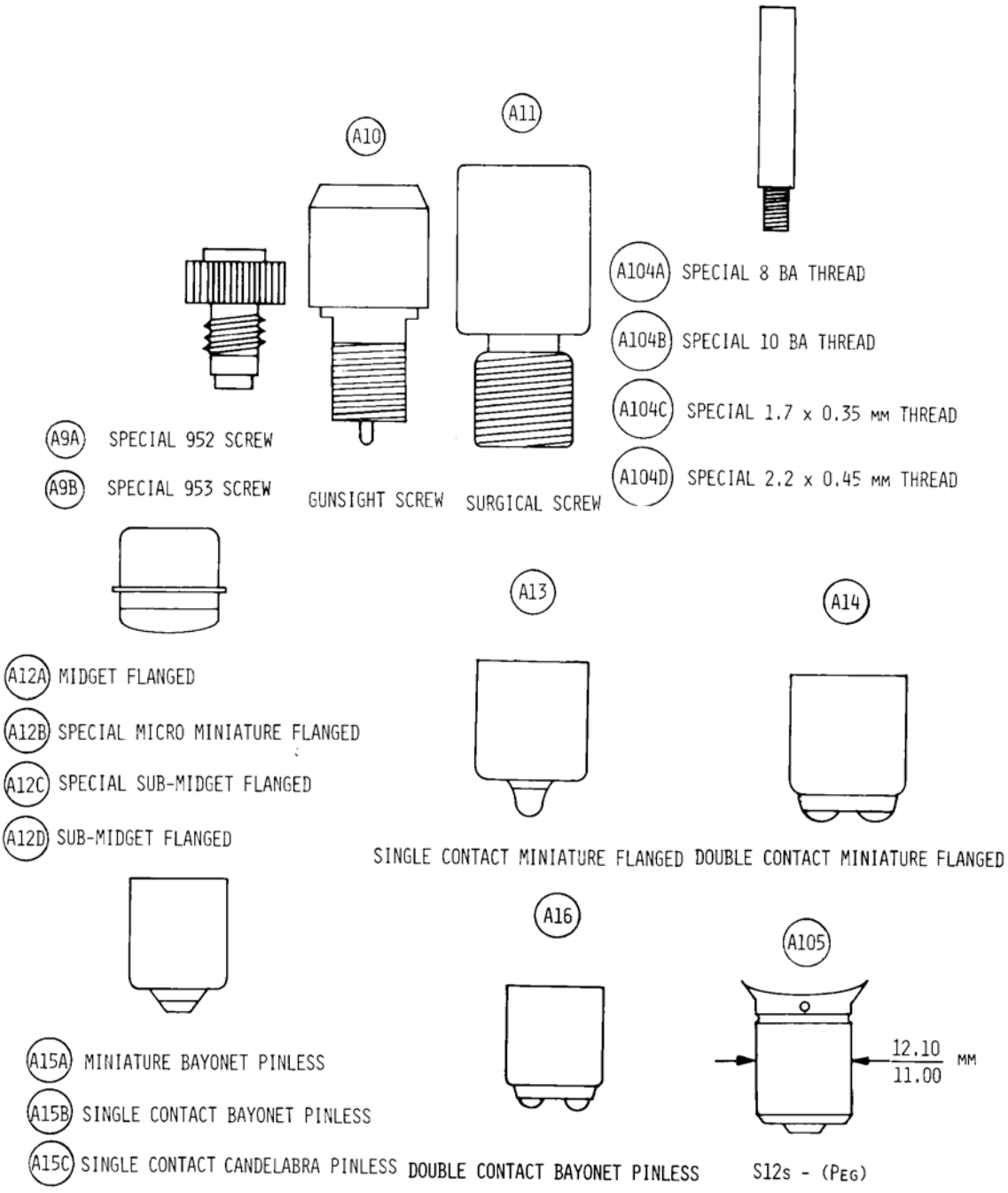
A7C SPECIAL KOLLSMAN SCREW

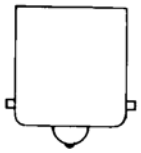
A7D INSULATED KOLLSMAN SCREW

A8

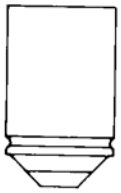


SPECIAL 952 SCREW WITH DIMMER SLEEVE

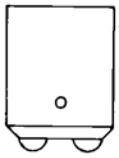

A10
A11
A104A SPECIAL 8 BA THREAD
A104B SPECIAL 10 BA THREAD
A104C SPECIAL 1.7 x 0.35 MM THREAD
A104D SPECIAL 2.2 x 0.45 MM THREAD
A9A SPECIAL 952 SCREW
A9B SPECIAL 953 SCREW
GUNSIGHT SCREW
SURGICAL SCREW
A13
A14
A12A MIDGET FLANGED
A12B SPECIAL MICRO MINIATURE FLANGED
A12C SPECIAL SUB-MIDGET FLANGED
A12D SUB-MIDGET FLANGED
SINGLE CONTACT MINIATURE FLANGED
DOUBLE CONTACT MINIATURE FLANGED
A16
A105
12.10
11.00
MM
A15A MINIATURE BAYONET PINLESS
A15B SINGLE CONTACT BAYONET PINLESS
A15C SINGLE CONTACT CANDELABRA PINLESS
DOUBLE CONTACT BAYONET PINLESS
S12s - (PEG)



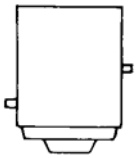
A18A MINIATURE BAYONET
A18B SINGLE CONTACT BAYONET CANDELABRA
A18C SINGLE CONTACT BAYONET CANDELABRA EXPORT
A18D BA9s/13 - (MCC)
A18E BA9s/14 - (MCC)
A18F B15s/19 - (SCC)
A18G BA15s - (SCC)
A18H B22s/22 - (BC)



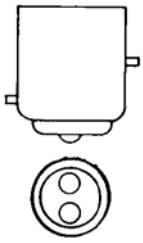
A17A MIDGET GROOVED
A17B S5.5s - (MIDGET GROOVE)
A17C S5.7s/8



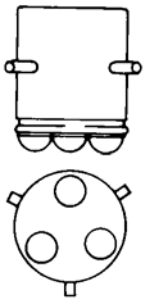
A19A DOUBLE CONTACT BAYONET CANDELABRA
A19B DOUBLE CONTACT BAYONET CANDELABRA EXPORT
A19C B15d/19 - (SBC)
A19D BA15d - (SBC)
A19E B22d/22 - (BC)



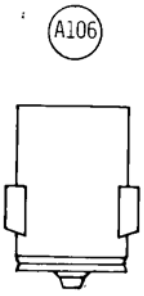
A20A SINGLE CONTACT BAYONET CANDELABRA INDEXING
A20B BAY15s - (SCC INDEXING)



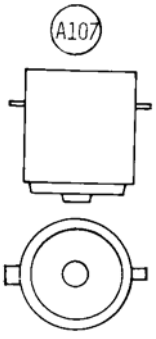
A21A DOUBLE CONTACT BAYONET CANDELABRA INDEXING
A21B BAY15d - (SBC INDEXING)



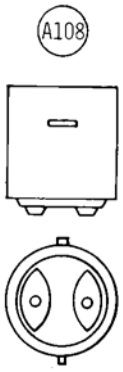
A22 THREE CONTACT MEDIUM BAYONET



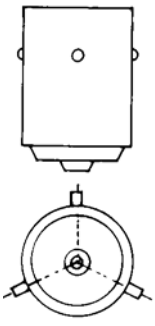
A106 BA7s/11



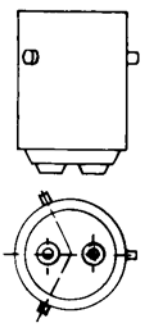
A107 BA20s - (BOSCH)



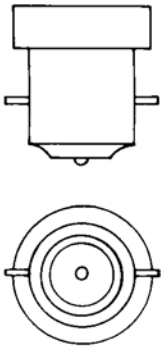
A108 BA20d - (BOSCH)



A109 BA21s-3(120°)



A110 BA21d-3(120°)



A23A MINIATURE BAYONET SKIRTED

A23B SINGLE CONTACT MEDIUM BAYONET EXPORT

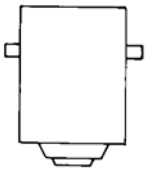
A23C B22s/25x26 - (BC SKIRTED)

A23D B15s/24x17 - (SCC SKIRTED)

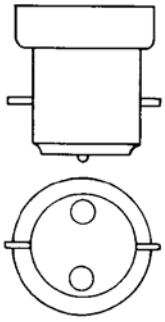
A23E B15s/27x22 - (SCC SKIRTED)

A23F B15s/29x26 - (SCC SKIRTED)

A111



B9.5s/11 (WOOTTON BAYONET)



A24A DOUBLE CONTACT BAYONET CANDELABRA SKIRTED

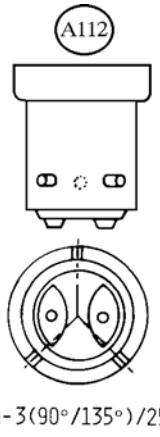
A24C B15d/24x17 - (SBC Skirted)

A24D B15d/27x22 - (SBC Skirted)

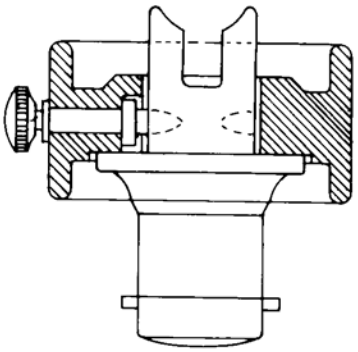
A24E B15d/29x26 - (SBC Skirted)

A24F B22d/25x26 - (BC Skirted)

A112

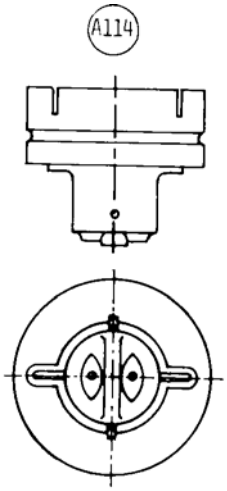


B22d-3(90°/135°)/25x26

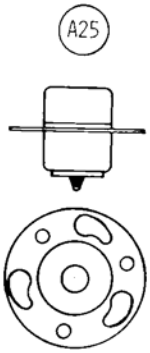


A113A B22d-54 (CERAMIC)

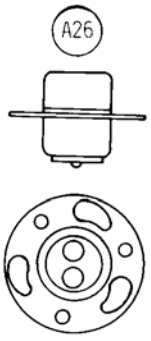
A113B B22d-68 (CERAMIC)



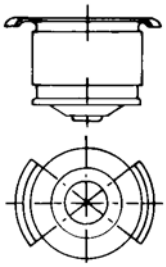
BY22d (FOR SODIUM LAMPS)



SINGLE CONTACT CANDELABRA PREFOCUS



DOUBLE CONTACT CANDELABRA PREFOCUS



A28A MEDIUM PREFOCUS

A28B MOGUL PREFOCUS

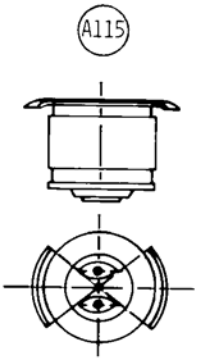
A28C P28s/24 - (MEDIUM PREFOCUS)

A28D P40s/41 - (LARGE PREFOCUS)

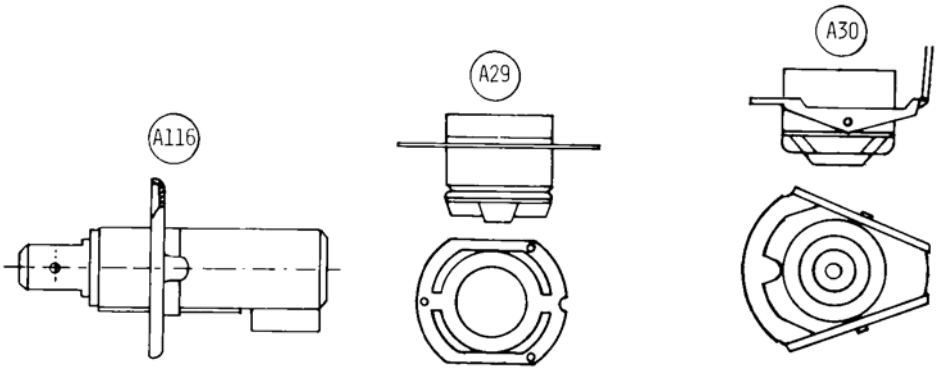
A28E P28s/33 - (MEDIUM PREFOCUS)

A28F P40s/55 - (LARGE PREFOCUS)

UNTHREADED CYLINDER WITH SCREW TERMINAL



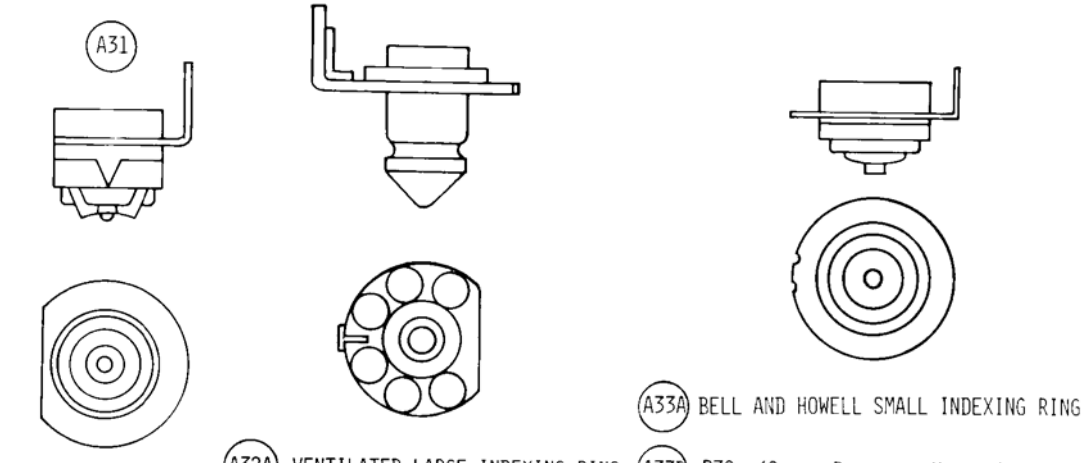
P28d-(DC MEDIUM PREFOCUS)



P14.5s

DOUBLE CONTACT MEDIUM RING

BELL AND HOWELL LARGE INDEXING RING

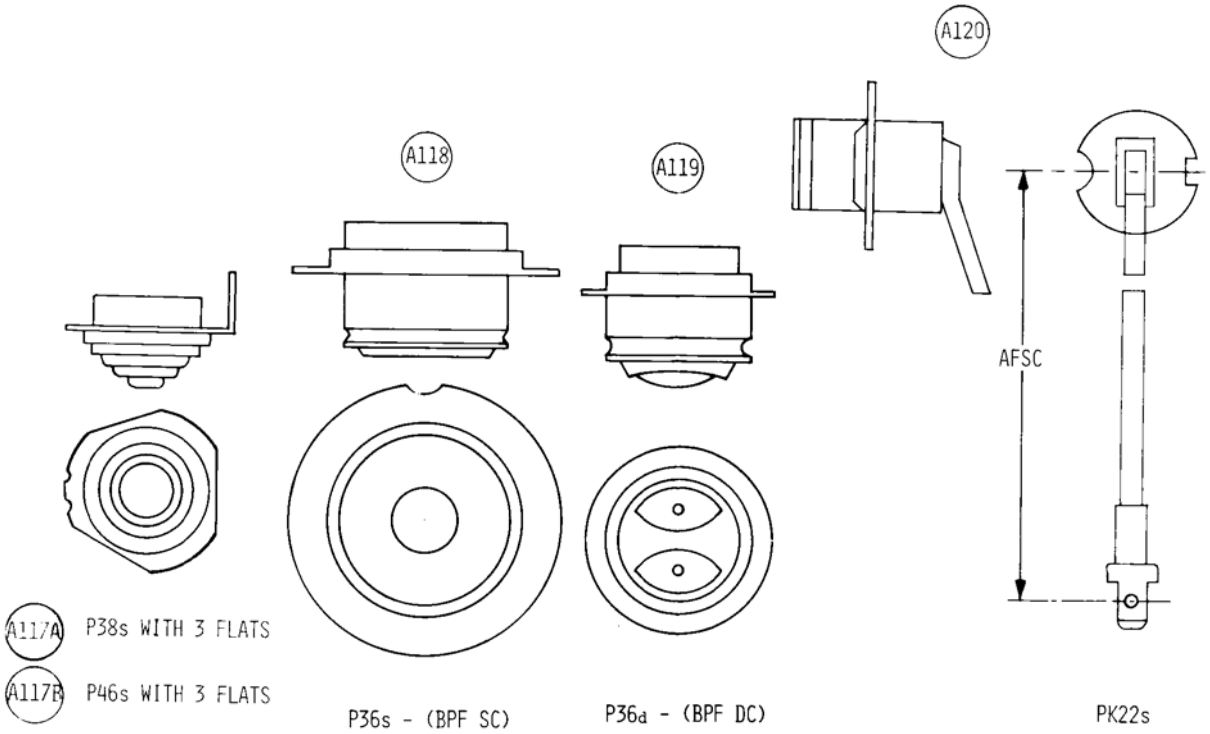


LARGE INDEXING RING

A32A VENTILATED LARGE INDEXING RING

A33A BELL AND HOWELL SMALL INDEXING RING

A33B P38s (SMALL BELL AND HOWELL)



A117A P38s WITH 3 FLATS

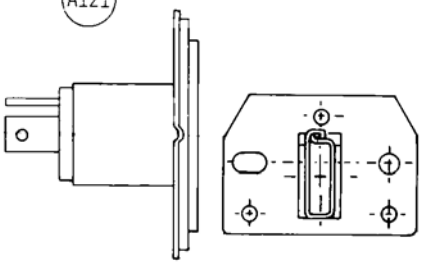
A117B P46s WITH 3 FLATS

P36s - (BPF SC)

P36d - (BPF DC)

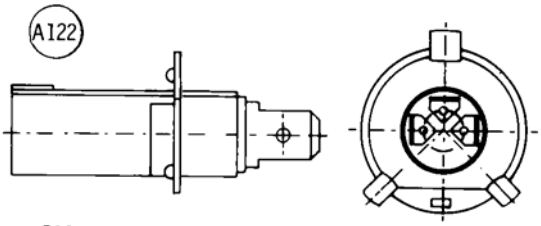
PK22s

A121



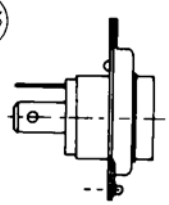
P45 t -41

A122



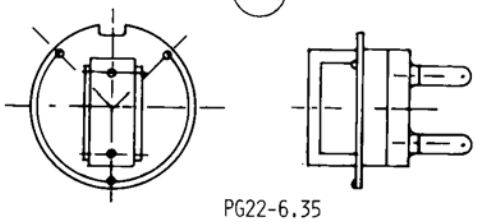
P18s

A123



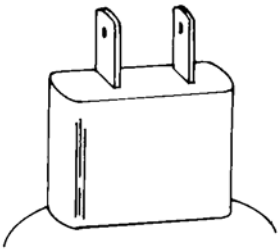
P43 t -38

A124



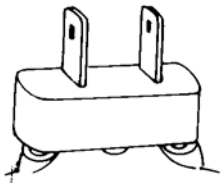
PG22-6.35

A34



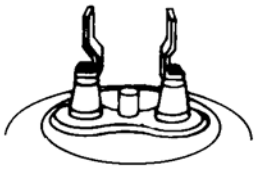
EXTENDED MOGUL END PRONG WITH CERAMIC BLOCK

A35



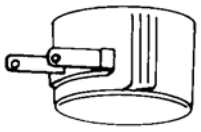
MOGUL END PRONG WITH CERAMIC BLOCK

A36



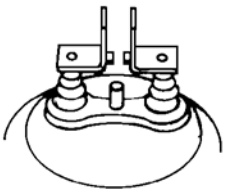
MOGUL END PRONG

A37



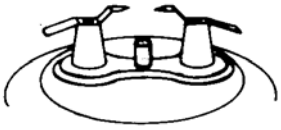
MEDIUM SIDE PRONG

A38



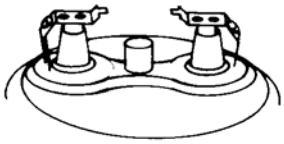
TWO CONTRACT LUGS

A39



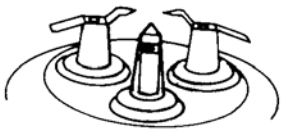
TWO SLIP-ON TERMINALS

A40



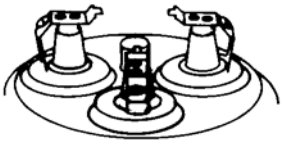
TWO SCREW TERMINALS

A41

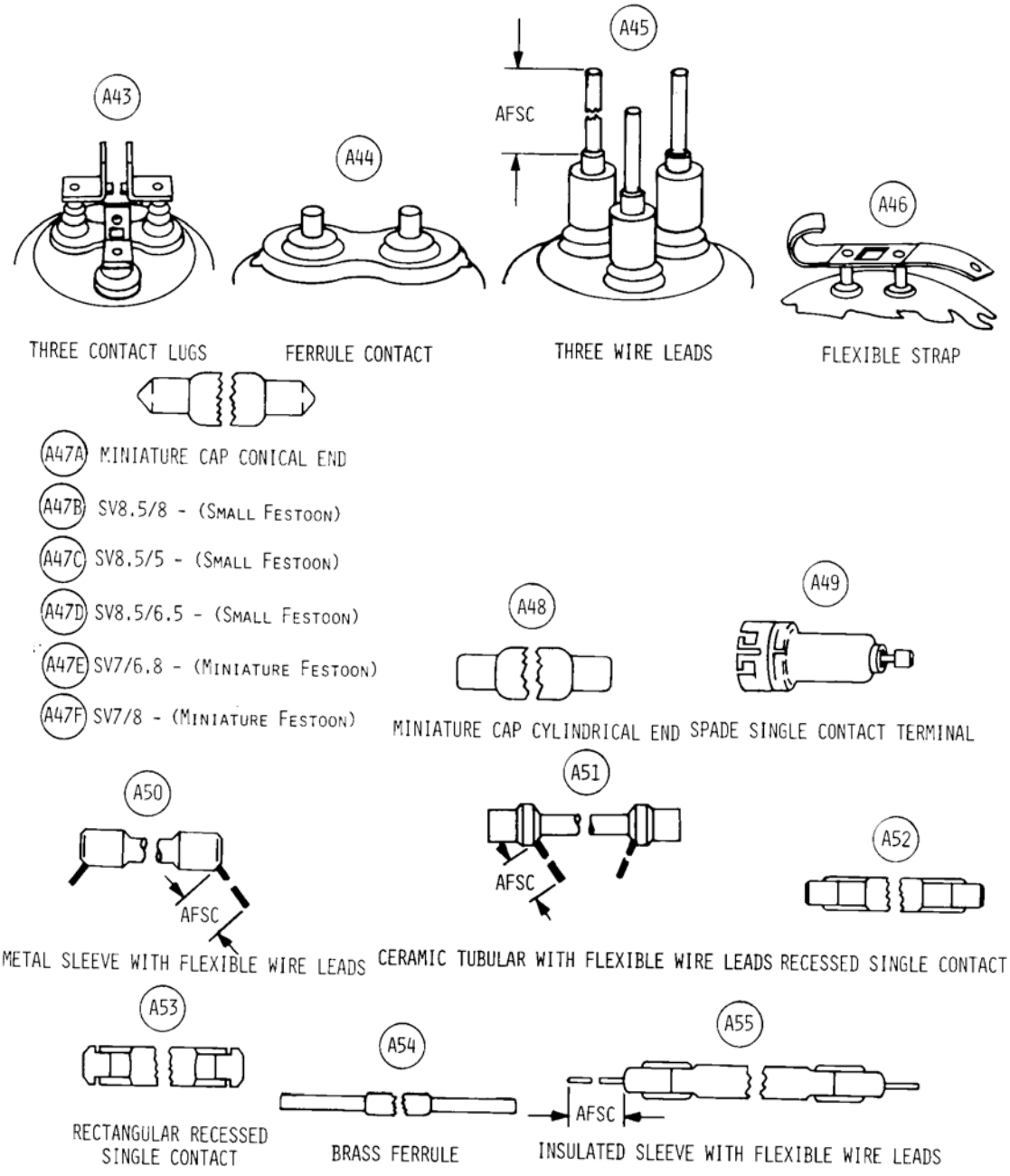


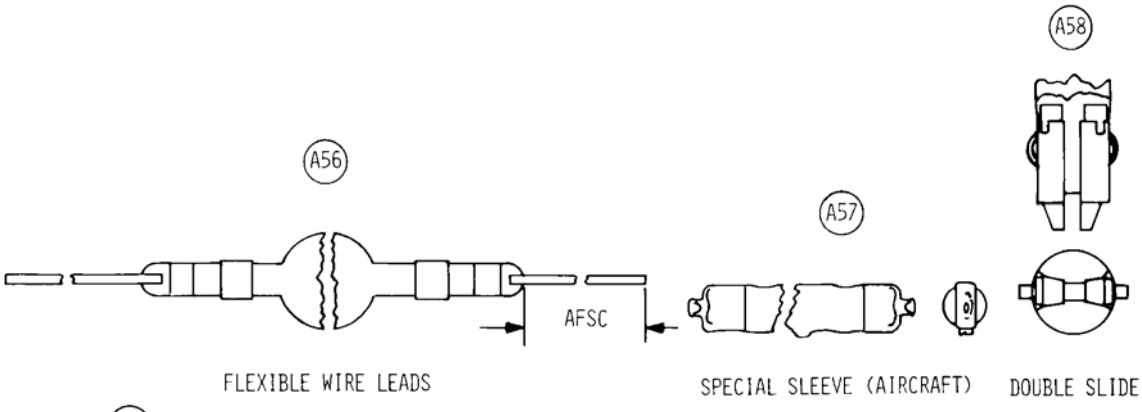
THREE SLIP-ON TERMINALS

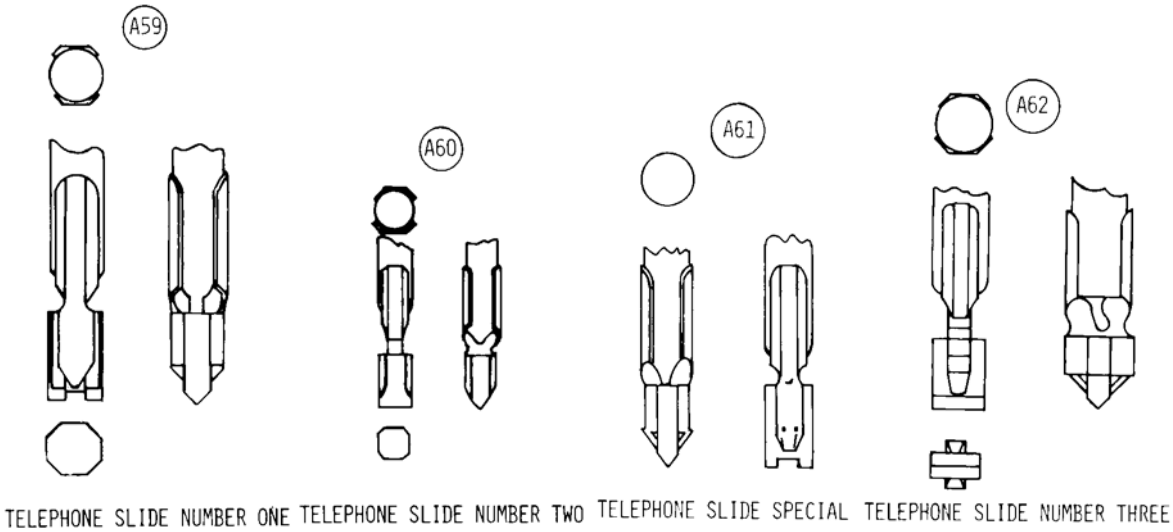
A42

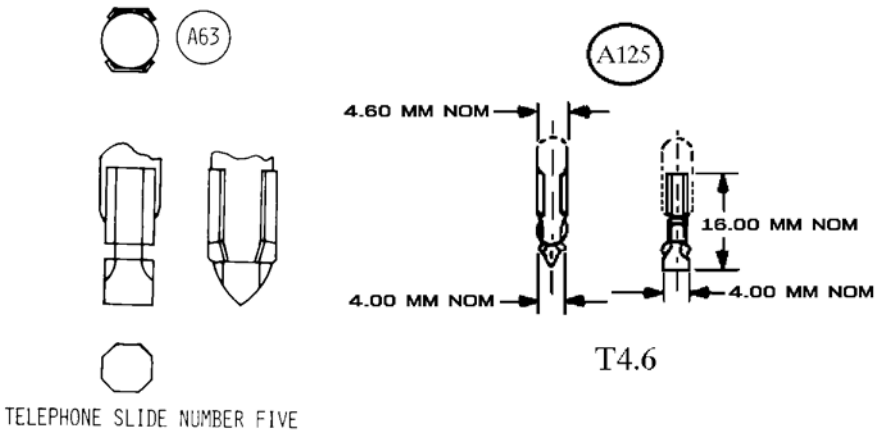


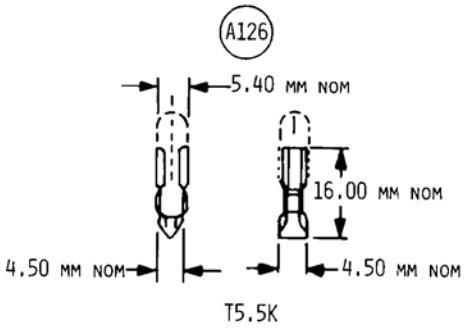
THREE SCREW TERMINALS


A43
A44
A45
AFSC
A46
THREE CONTACT LUGS
FERRULE CONTACT
THREE WIRE LEADS
FLEXIBLE STRAP
A47A MINIATURE CAP CONICAL END
A47B SV8.5/8 - (SMALL FESTOON)
A47C SV8.5/5 - (SMALL FESTOON)
A47D SV8.5/6.5 - (SMALL FESTOON)
A47E SV7/6.8 - (MINIATURE FESTOON)
A47F SV7/8 - (MINIATURE FESTOON)
A48
A49
MINIATURE CAP CYLINDRICAL END
SPADE SINGLE CONTACT TERMINAL
A50
AFSC
A51
AFSC
A52
METAL SLEEVE WITH FLEXIBLE WIRE LEADS
CERAMIC TUBULAR WITH FLEXIBLE WIRE LEADS
RECESSED SINGLE CONTACT
A53
A54
A55
AFSC
RECTANGULAR RECESSED SINGLE CONTACT
BRASS FERRULE
INSULATED SLEEVE WITH FLEXIBLE WIRE LEADS

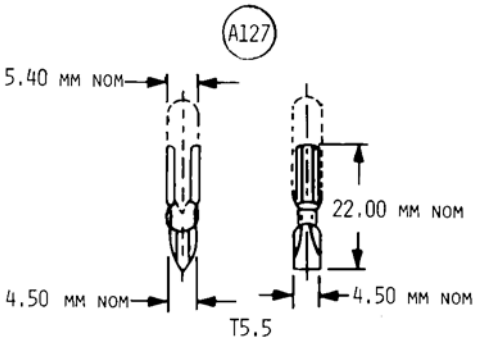

A58
A56
A57
AFSC
FLEXIBLE WIRE LEADS
SPECIAL SLEEVE (AIRCRAFT)
DOUBLE SLIDE


A59
A60
A61
A62
TELEPHONE SLIDE NUMBER ONE
TELEPHONE SLIDE NUMBER TWO
TELEPHONE SLIDE SPECIAL
TELEPHONE SLIDE NUMBER THREE

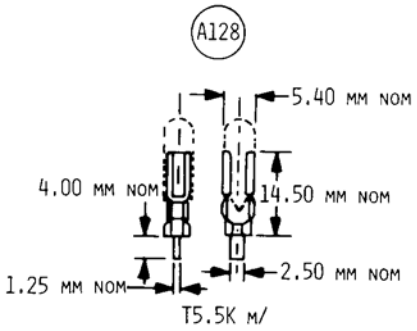

A63
A125
4.60 MM NOM
16.00 MM NOM
4.00 MM NOM
4.00 MM NOM
T4.6
TELEPHONE SLIDE NUMBER FIVE



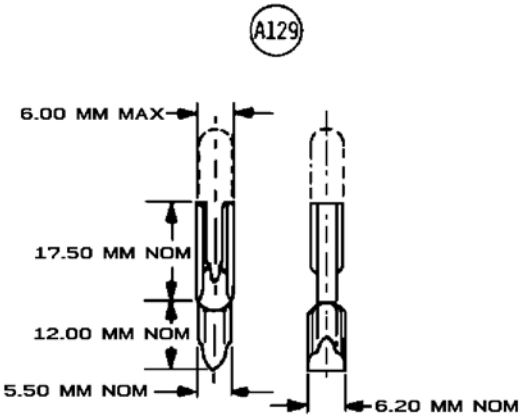
T5.5K



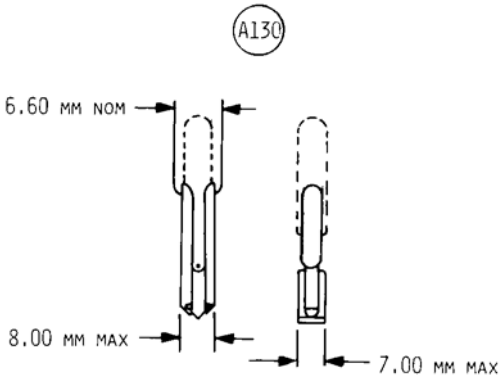
T5.5



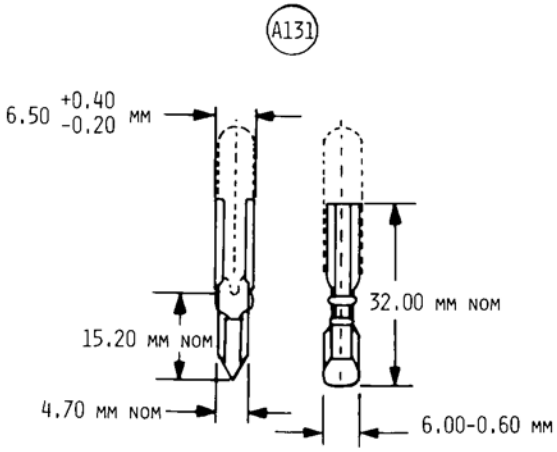
T5.5K M/



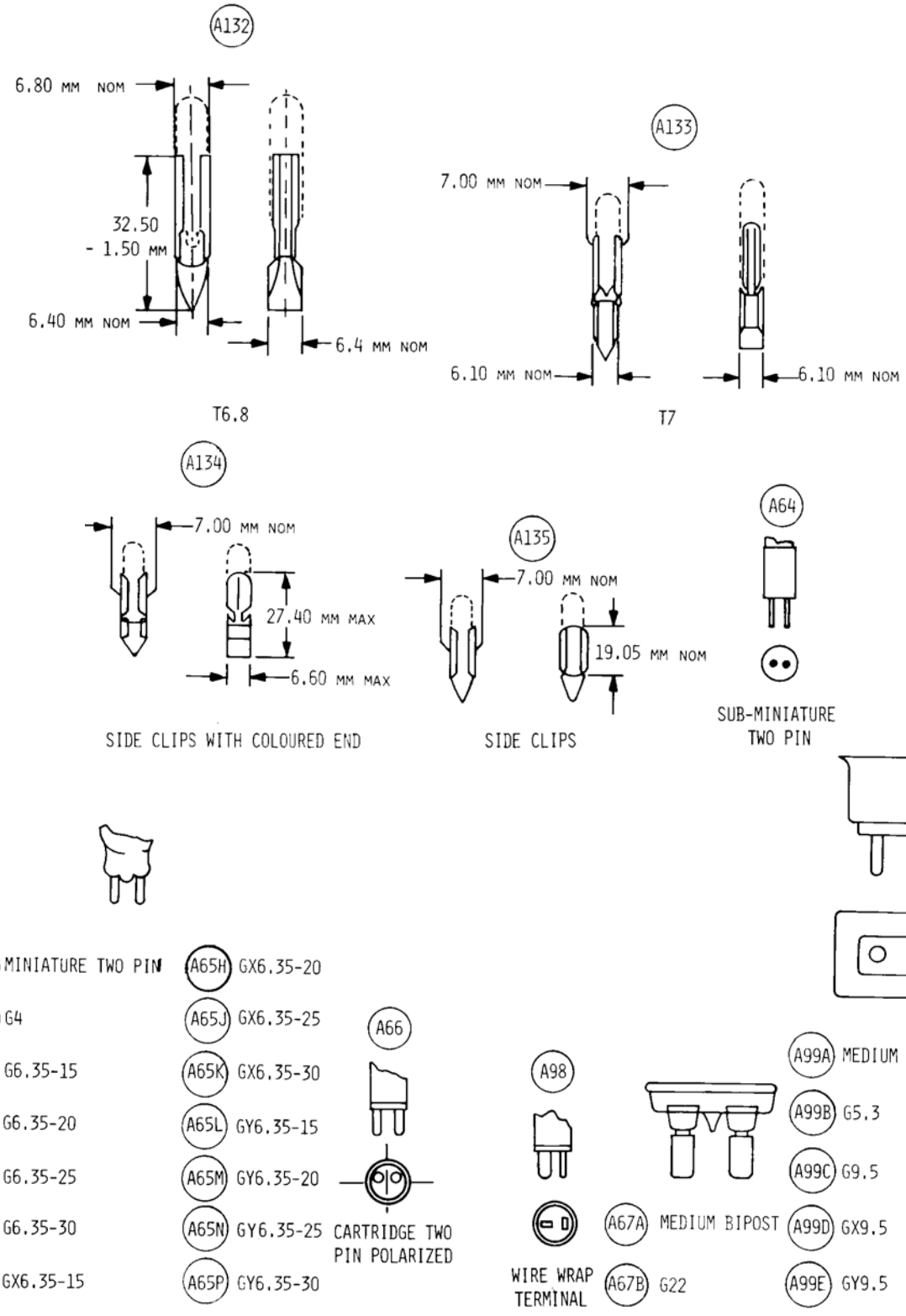
T5.8

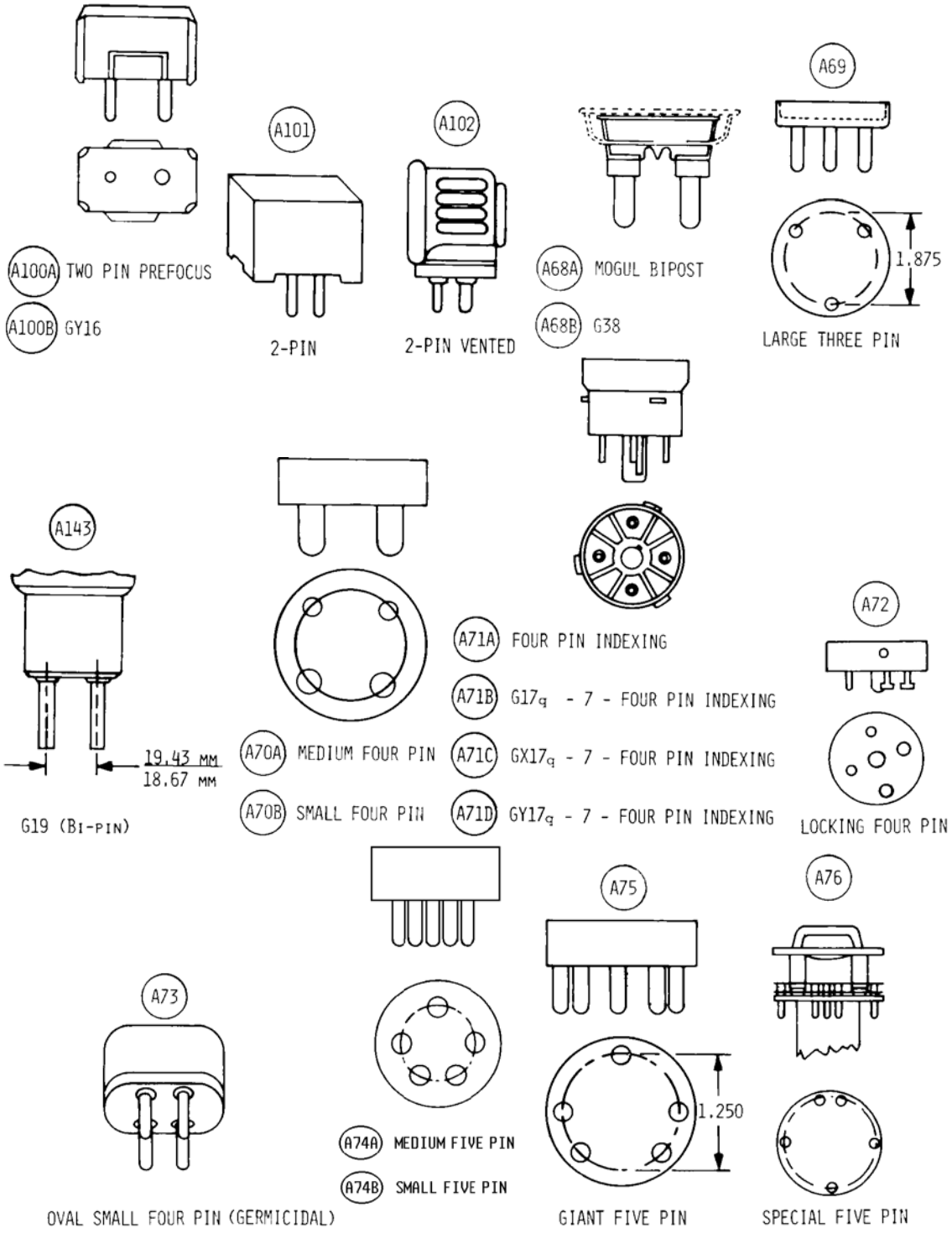


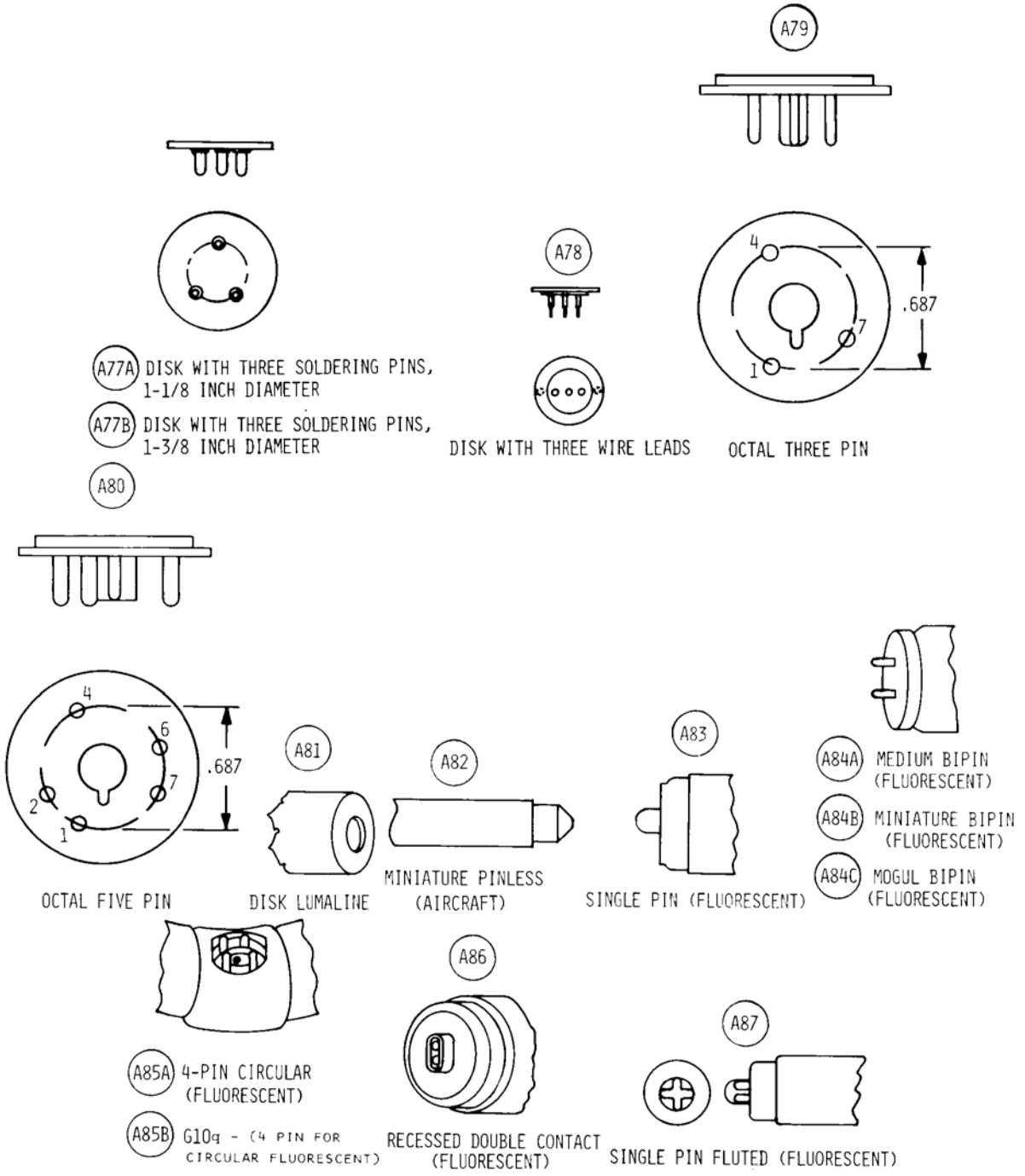
T6.6

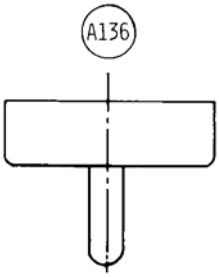


T6.5

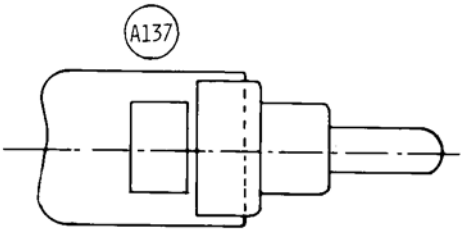

A132
6.80 MM NOM
32.50
- 1.50 MM
6.40 MM NOM
6.4 MM NOM
T6.8
A133
7.00 MM NOM
6.10 MM NOM
6.10 MM NOM
T7
A134
7.00 MM NOM
27.40 MM MAX
6.60 MM MAX
SIDE CLIPS WITH COLOURED END
A135
7.00 MM NOM
19.05 MM NOM
SIDE CLIPS
A64
SUB-MINIATURE
TWO PIN
A65A MINIATURE TWO PIN
A65B G4
A65C G6.35-15
A65D G6.35-20
A65E G6.35-25
A65F G6.35-30
A65G GX6.35-15
A65H GX6.35-20
A65J GX6.35-25
A65K GX6.35-30
A65L GY6.35-15
A65M GY6.35-20
A65N GY6.35-25
A65P GY6.35-30
A66
CARTRIDGE TWO
PIN POLARIZED
A98
WIRE WRAP
TERMINAL
A67A MEDIUM BIPOST
A67B G22
A99A MEDIUM TWO PIN
A99B G5.3
A99C G9.5
A99D GX9.5
A99E GY9.5


A100A TWO PIN PREFOCUS
A100B GY16
A101
2-PIN
A102
2-PIN VENTED
A68A MOGUL BIPOST
A68B G38
A69
1.875
LARGE THREE PIN
A143
19.43 MM
18.67 MM
G19 (Bi-PIN)
A70A MEDIUM FOUR PIN
A70B SMALL FOUR PIN
A71A FOUR PIN INDEXING
A71B G17q - 7 - FOUR PIN INDEXING
A71C GX17q - 7 - FOUR PIN INDEXING
A71D GY17q - 7 - FOUR PIN INDEXING
A72
LOCKING FOUR PIN
A73
OVAL SMALL FOUR PIN (GERMICIDAL)
A74A MEDIUM FIVE PIN
A74B SMALL FIVE PIN
A75
1.250
GIANT FIVE PIN
A76
SPECIAL FIVE PIN

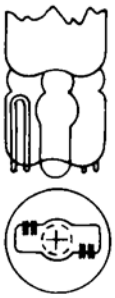

A79
A77A DISK WITH THREE SOLDERING PINS, 1-1/8 INCH DIAMETER
A77B DISK WITH THREE SOLDERING PINS, 1-3/8 INCH DIAMETER
A78
DISK WITH THREE WIRE LEADS
4
7
1
.687
OCTAL THREE PIN
A80
4
6
7
2
1
.687
OCTAL FIVE PIN
A81
DISK LUMALINE
A82
MINIATURE PINLESS (AIRCRAFT)
A83
SINGLE PIN (FLUORESCENT)
A84A MEDIUM BIPIN (FLUORESCENT)
A84B MINIATURE BIPIN (FLUORESCENT)
A84C MOGUL BIPIN (FLUORESCENT)
A85A 4-PIN CIRCULAR (FLUORESCENT)
A85B G10q - (4 PIN FOR CIRCULAR FLUORESCENT)
A86
RECESSED DOUBLE CONTACT (FLUORESCENT)
A87
SINGLE PIN FLUTED (FLUORESCENT)

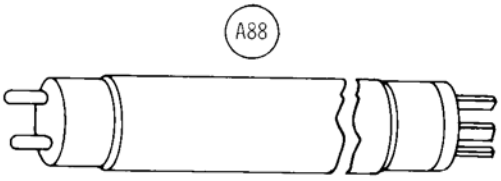


Fa6 - (SINGLE PIN FOR FLUORESCENT)

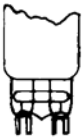


Fa4 - (SINGLE PIN FOR TUBULAR LAMPS)





THREE PRONG AND TWO PRONG (FLUORESCENT)



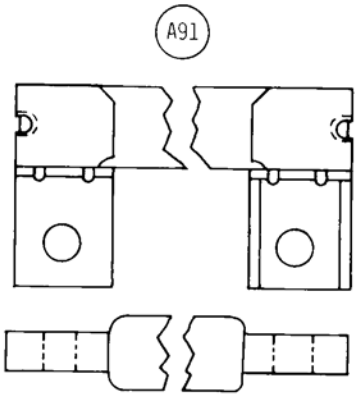
A90A WEDGE

A89A GLASS GROOVE

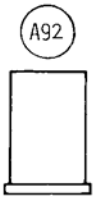
A90B W2.1 x 9.5d (WEDGE)

A89B W3.3 x 10.4d (GLASS GROOVE)

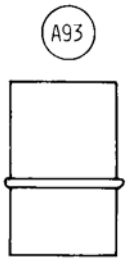
A90C W2 x 4.6d (WEDGE)



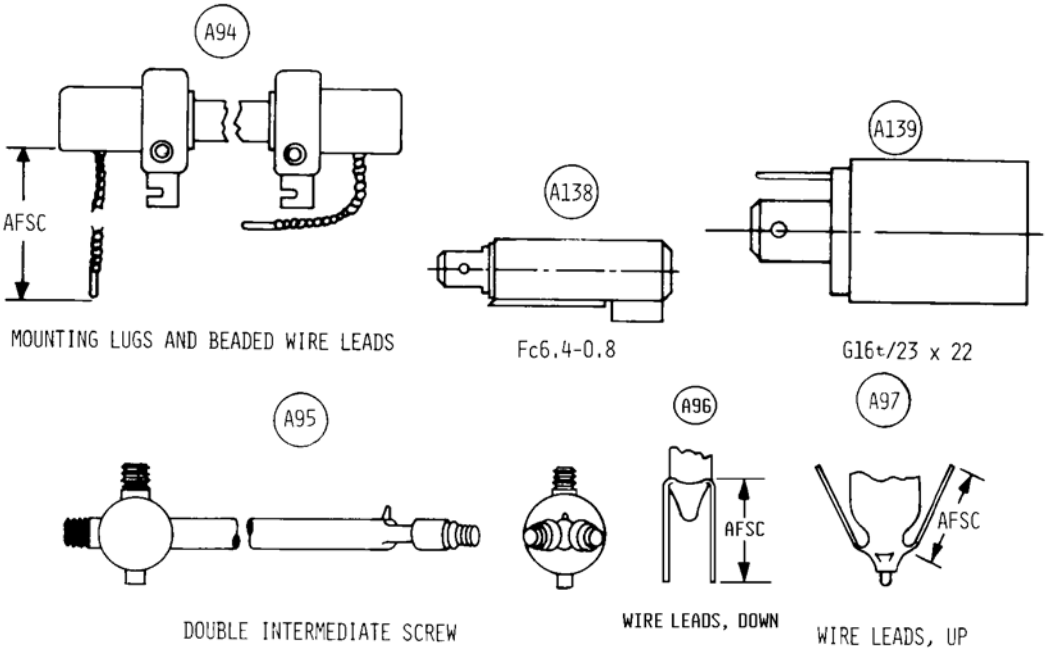
TAB

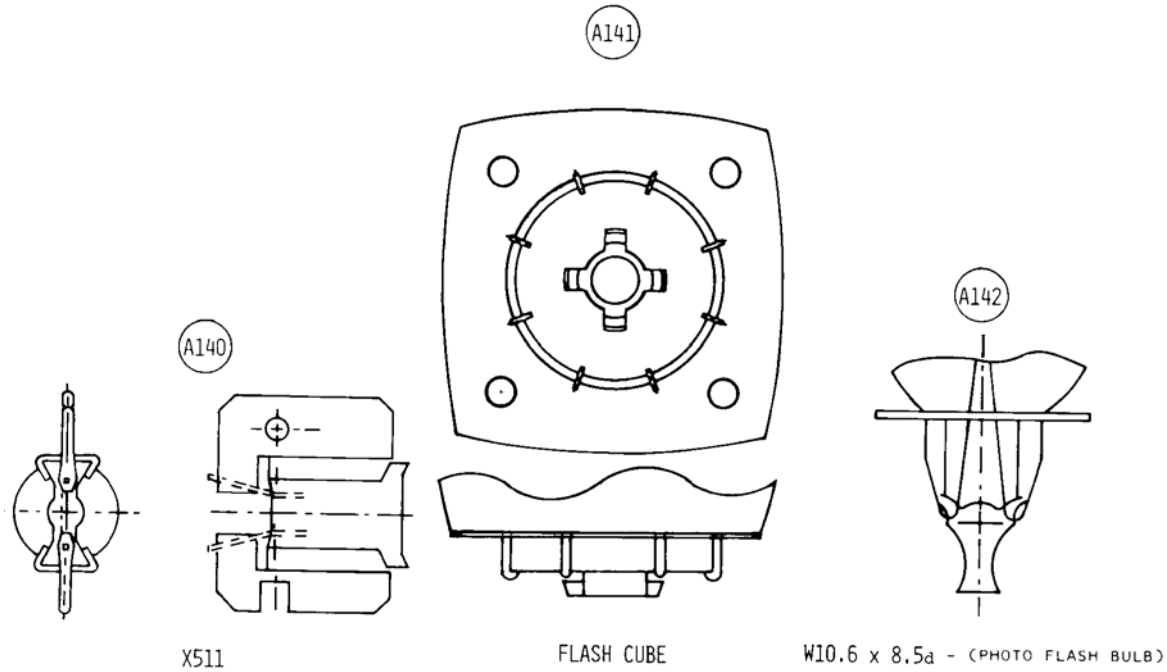


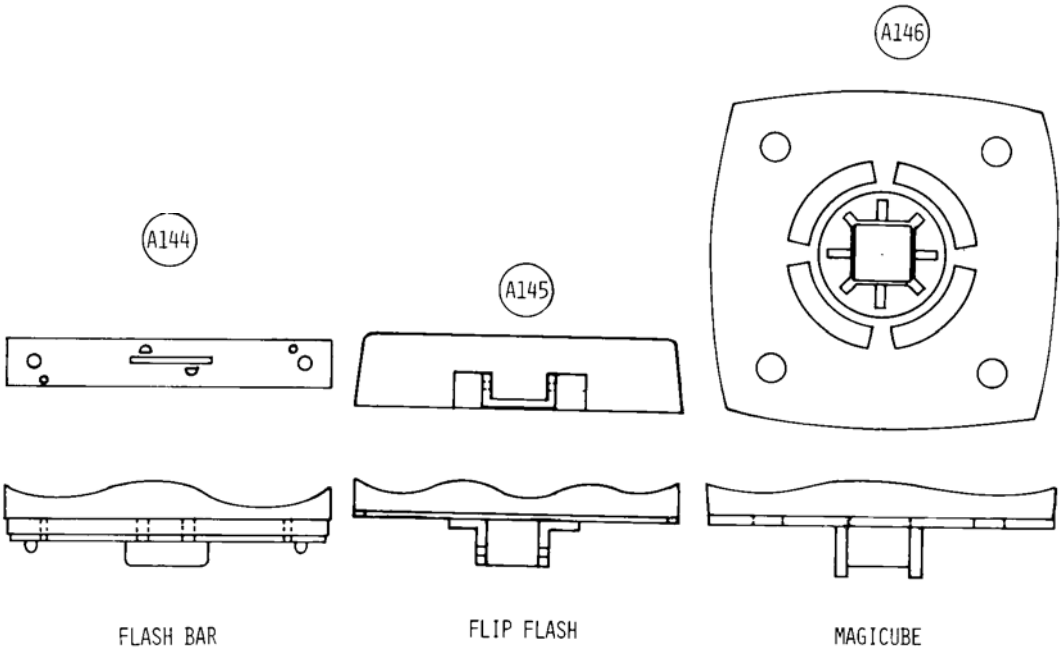
SURGICAL FLANGE, STYLE 1



SURGICAL FLANGE, STYLE 2


A94
AFSC
MOUNTING LUGS AND BEADED WIRE LEADS
A138
Fc6.4-0.8
A139
G16t/23 x 22
A95
DOUBLE INTERMEDIATE SCREW
A96
AFSC
WIRE LEADS, DOWN
A97
AFSC
WIRE LEADS, UP


A141
A140
A142
X511
FLASH CUBE
W10.6 x 8.5d - (PHOTO FLASH BULB)


A146
A144
A145
FLASH BAR
FLIP FLASH
MAGICUBE

REFERENCE DRAWING GROUP B Tables
BULB STYLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA2.500*; ABHPJLA63.5*; ABHPJAB2.485$$JAC2.515*)

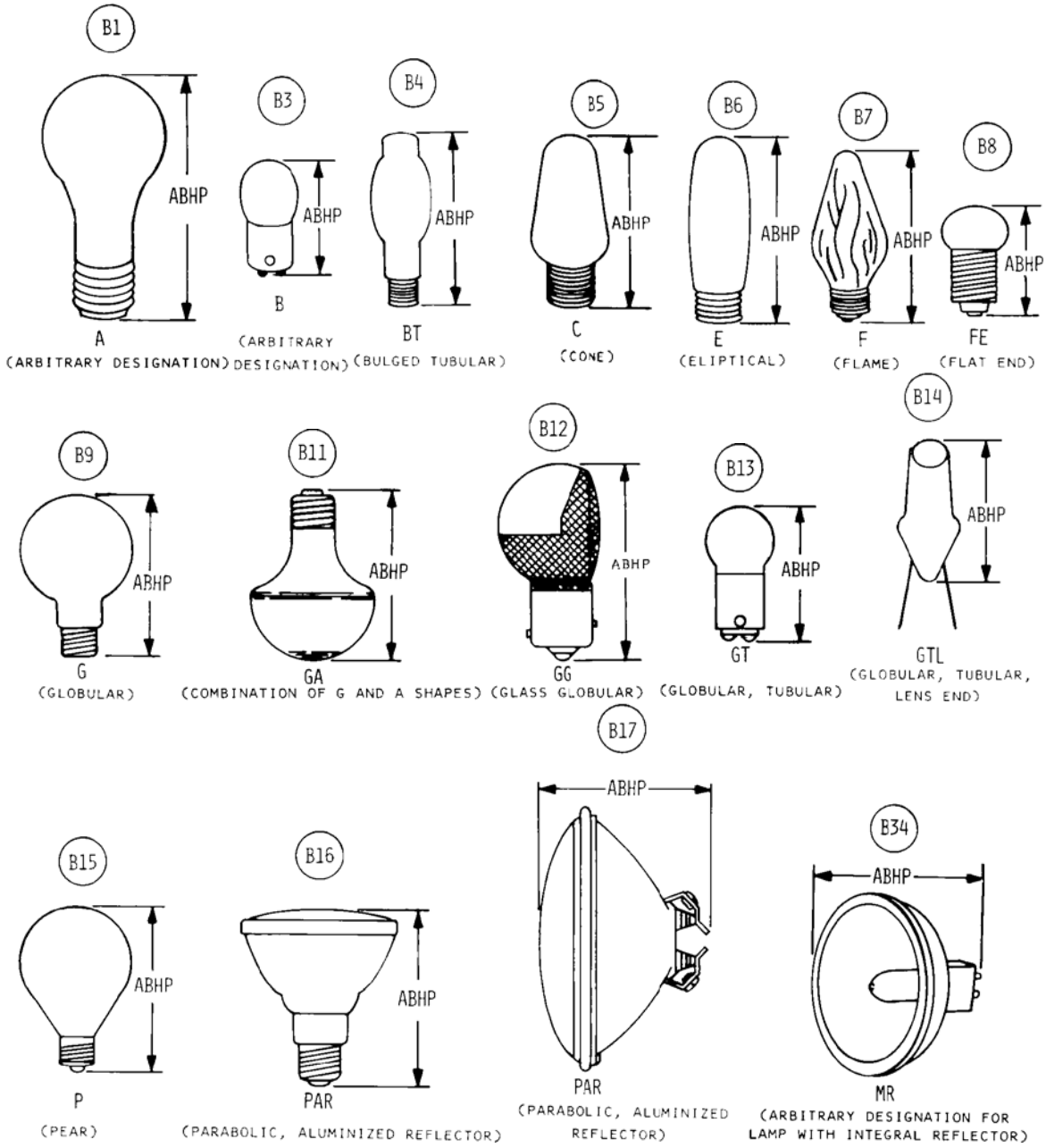
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

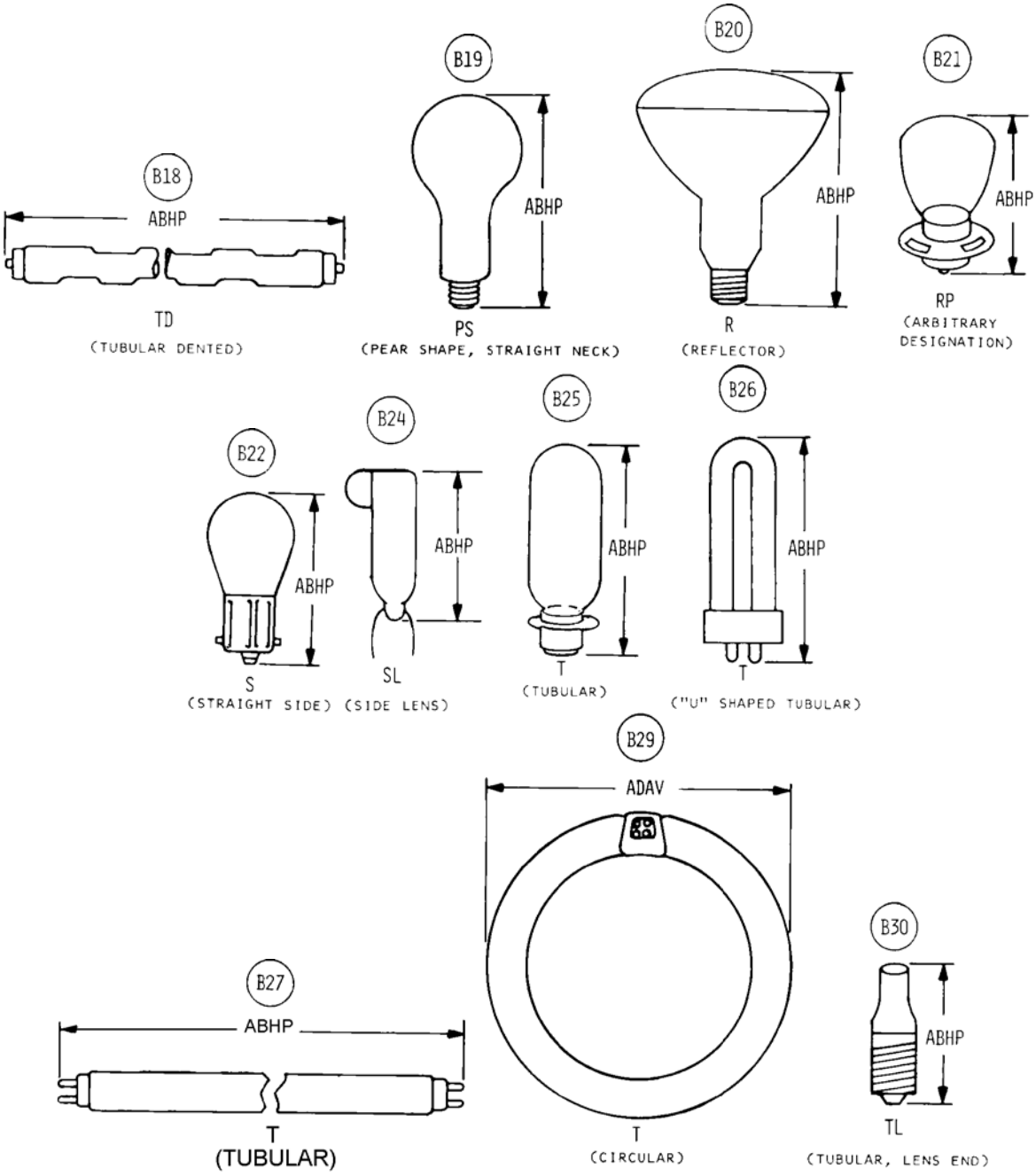
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

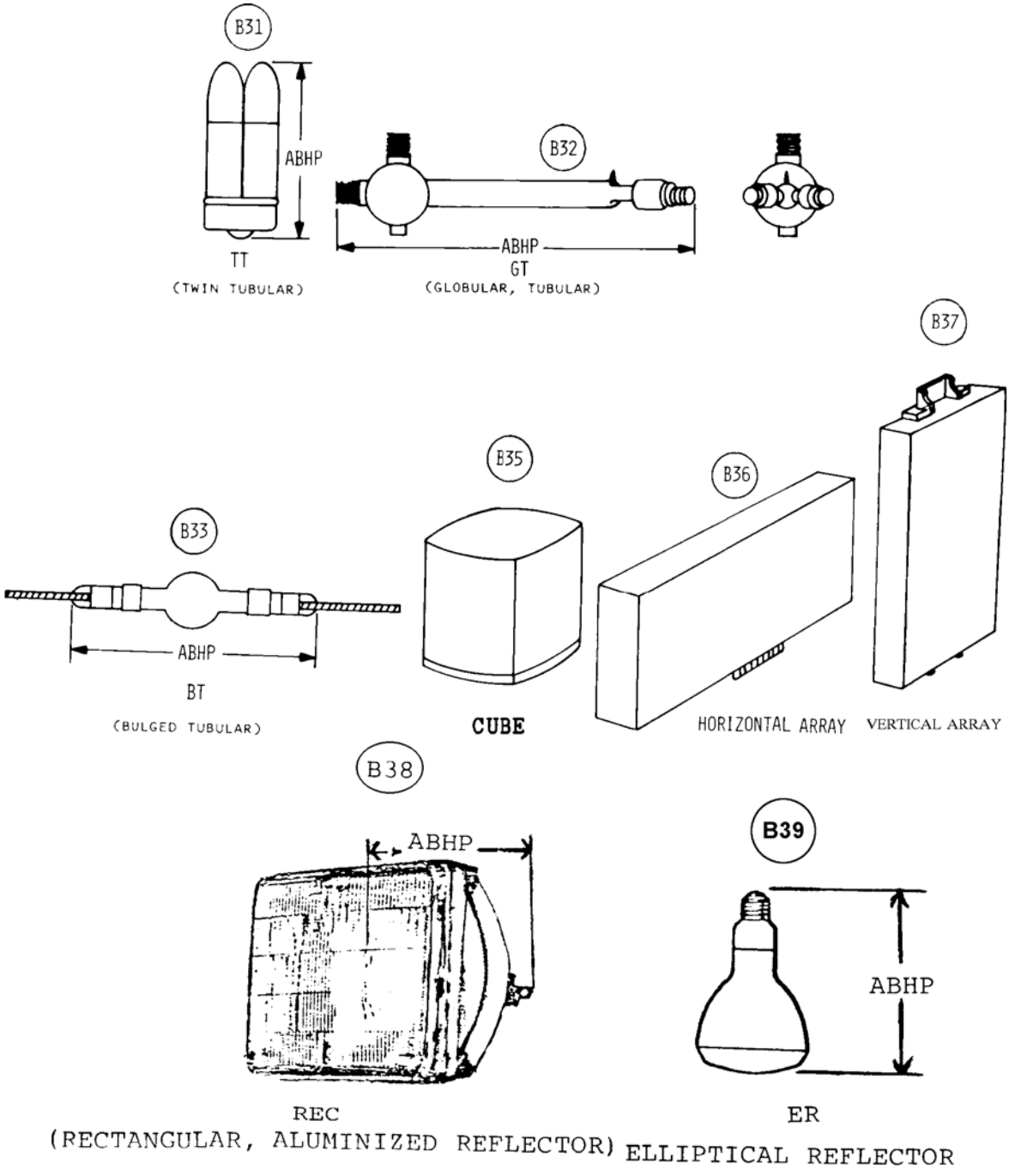
MRC	Mode Code	Name of Dimension
ABHP	J	OVERALL LENGTH
ADAV	J	OVERALL DIAMETER

REFERENCE DRAWING GROUP B

BULB STYLES




B18
ABHP
TD
(TUBULAR DENTED)
B19
ABHP
PS
(PEAR SHAPE, STRAIGHT NECK)
B20
ABHP
R
(REFLECTOR)
B21
ABHP
RP
(ARBITRARY DESIGNATION)
B22
ABHP
S
(STRAIGHT SIDE)
B24
ABHP
SL
(SIDE LENS)
B25
ABHP
T
(TUBULAR)
B26
ABHP
T
("U" SHAPED TUBULAR)
B27
ABHP
T
(TUBULAR)
B29
ADAV
T
(CIRCULAR)
B30
ABHP
TL
(TUBULAR, LENS END)


B31
ABHP
TT
(TWIN TUBULAR)
B32
ABHP
GT
(GLOBULAR, TUBULAR)
B37
B35
B36
B33
ABHP
BT
(BULGED TUBULAR)
CUBE
HORIZONTAL ARRAY
VERTICAL ARRAY
B38
ABHP
B39
ABHP
REC
(RECTANGULAR, ALUMINIZED REFLECTOR)
ER
ELLIPTICAL REFLECTOR

REFERENCE DRAWING GROUP C Tables
CARTRIDGE STYLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFSDJAA2.500*; AFSDJLA63.5*; AFSDJAB2.485$$JAC2.515*)

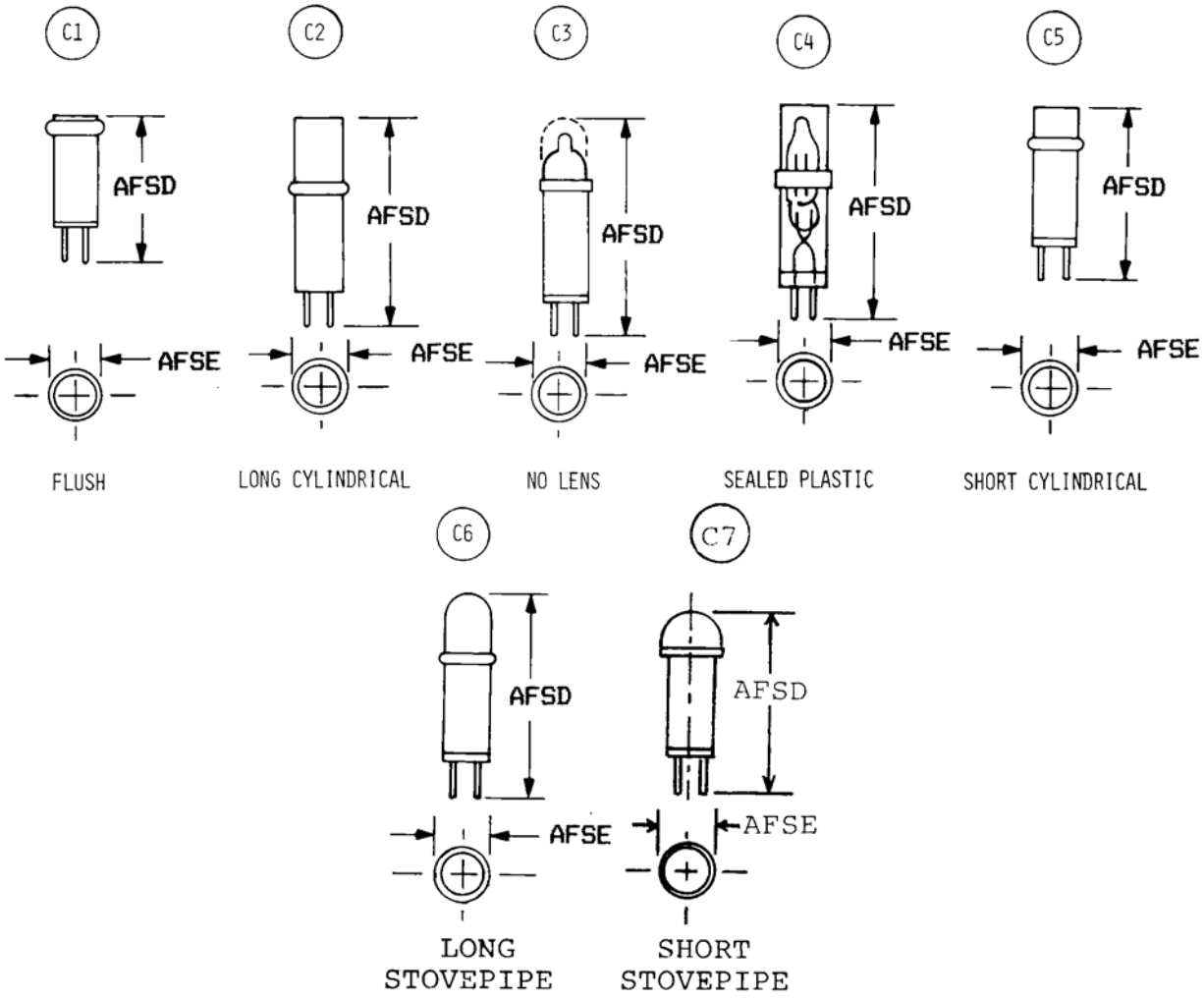
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Name of Dimension
AFSD	J	CARTRIDGE OVERALL LENGTH
AFSE	J	CARTRIDGE OVERALL DIAMETER

REFERENCE DRAWING GROUP C

CARTRIDGE STYLES



REFERENCE DRAWING GROUP D Tables
FLASHTUBE STYLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFSFJAA2.500*; AFSFJLA63.5*; AFSFJAB2.485$$JAC2.515*)

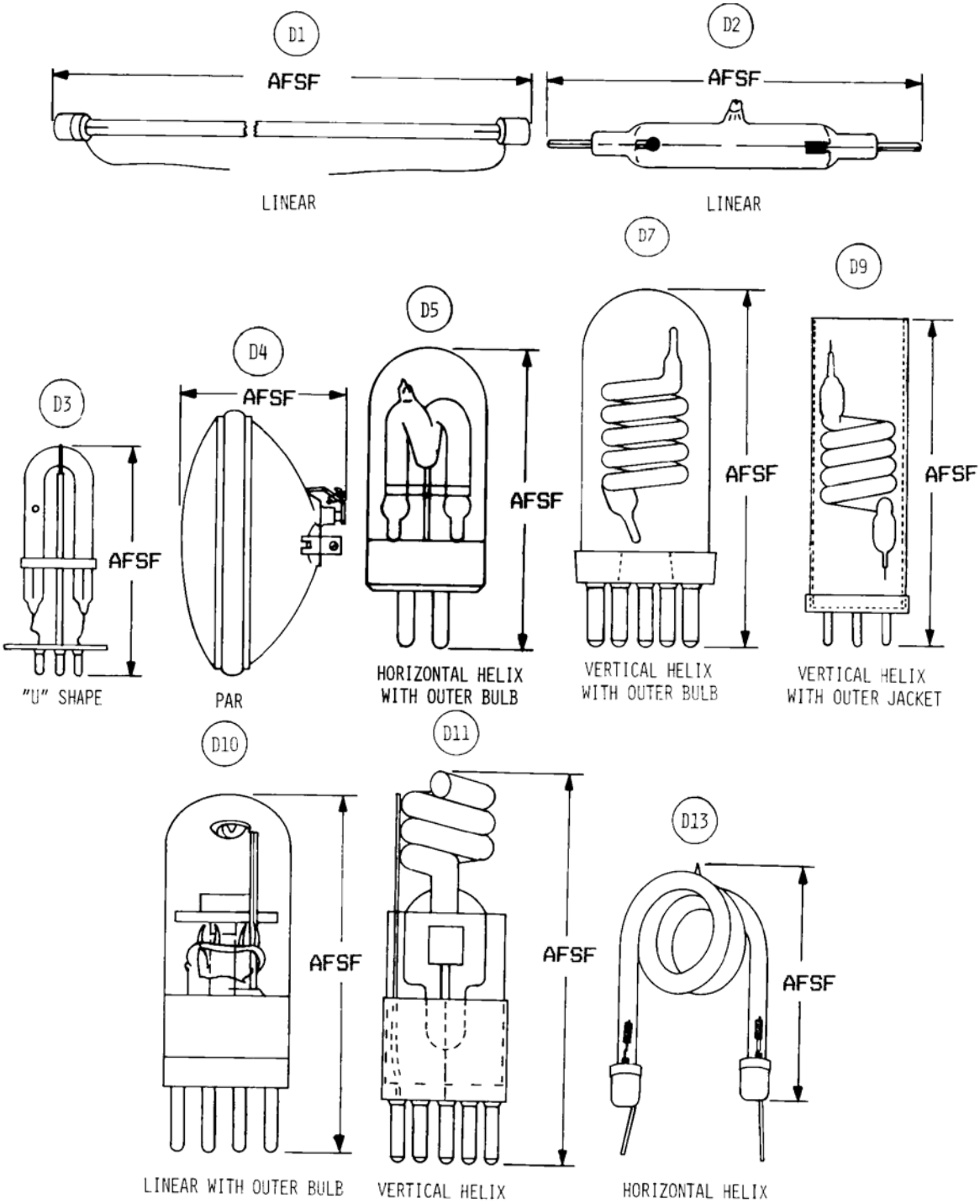
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Name of Dimension
AFSF	J	FLASHTUBE OVERALL LENGTH

REFERENCE DRAWING GROUP D

FLASHTUBE STYLES



Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

GAS STRIKING VOLTAGE IDENTIFIED SECONDARY ADDRESS CODING

REPLY CODE	REPLY
1Y	SINGLE VOLTAGE
1A	1ST VOLTAGE
1B	2ND VOLTAGE

LIGHT OUTPUT IDENTIFIED SECONDARY ADDRESS CODING

REPLY CODE	REPLY
1Y	SINGLE RATING
1A	1ST RATING
1B	2ND RATING
1C	3RD RATING
1D	4TH RATING

MATERIAL LOCATION IDENTIFIED SECONDARY ADDRESS CODING

REPLY CODE	REPLY
1A	LENS
1B	SLEEVE

FIIG Change List

FIIG Change List, Effective August 7, 2009.

Added reply code NR- REVIEWED- DOES NOT MEET SOME ENAC CRITERIA to MRC ENAC.

Added reply code HAZ054- MERCURY to MRC HZRD.